Table 1:
Phylogenetic breakdown of threshold thermodynamic robustness

group / species	$\bar{r}_t(25)$	$R_t(25)$	$S_t(25)$	Wilcoxon signed-rank		Kolmogorov-Smirnov		number of
				p-value	significant	p-value	significant	sequnces
all	0.31	0.74	0.28	1e-111	yes	2e-256	yes	3641
vertebrate	0.29	0.75	0.30	2e-77	yes	3e-173	yes	2215
invertebrate	0.22	0.84	0.36	3e-31	yes	4e-75	yes	488
landplant	0.40	0.63	0.19	8e-09	yes	9e-21	yes	848
virus	0.21	0.85	0.32	5e-07	yes	7e-16	yes	82
Anopheles gambiae	0.28	0.79	0.32	0.01	no	0.0001	yes	38
Apis mellifera	0.16	0.92	0.44	0.001	no	2e-06	yes	25
Arabidopsis thaliana	0.43	0.60	0.15	0.1	no	0.009	no	131
Ateles geoffroyi	0.21	0.87	0.38	0.001	no	1e-09	yes	45
Bombyx mori	0.12	0.90	0.62	0.002	no	7e-08	yes	21
Bos taurus	0.23	0.86	0.32	3e-06	yes	8e-15	yes	98
Caenorhabditis briggsae	0.19	0.87	0.41	3e-06	yes	7e-18	yes	79
Caenorhabditis elegans	0.23	0.82	0.34	1e-08	yes	3e-19	yes	114
Canis familiaris	0.55	0.33	0.00	0.6	no	0.8	no	6
Danio rerio	0.34	0.67	0.27	2e-07	yes	4e-15	yes	276
Drosophila melanogaster	0.23	0.82	0.35	1e-05	yes	4e-11	yes	78
Drosophila pseudoobscura	0.22	0.88	0.34	4e-06	yes	8e-14	yes	73
Epstein Barr	0.16	0.87	0.48	0.002	no	5e-08	yes	23
Fugu rubripes	0.28	0.78	0.34	3e-07	yes	6e-13	yes	131
Gallus gallus	0.27	0.81	0.25	1e-08	yes	7e-15	yes	149
Glycine max	0.38	0.68	0.05	0.2	no	0.05	no	22
Gorilla gorilla	0.28	0.76	0.30	0.0004	yes	3e-10	yes	86
Homo sapiens	0.28	0.76	0.33	4e-14	yes	3e-43	yes	471
Human cytomegalovirus	0.24	0.82	0.27	0.09	no	0.02	no	11
Kaposi sarcoma-associated	0.26	0.77	0.23	0.06	no	0.003	no	13
Lagothrix lagotricha	0.27	0.77	0.33	0.01	no	5e-07	yes	48
Lemur catta	0.23	0.81	0.31	0.08	no	8e-05	yes	16
Macaca mulatta	0.24	0.83	0.34	0.0001	yes	2e-10	yes	71
Macaca nemestrina	0.24	0.81	0.35	0.0001	yes	4e-12	yes	75
Mareks disease	0.33	0.75	0.12	0.4	no	0.2	no	8
Medicago truncatula	0.40	0.57	0.21	0.2	no	0.01	no	28
Monodelphis domestica	0.26	0.81	0.36	2e-05	yes	4e-12	yes	107
Mouse gammaherpesvirus	0.19	1.00	0.22	0.03	no	0.009	no	9
Mus musculus	0.31	0.74	0.27	2e-10	yes	3e-32	yes	373
Oryza sativa	0.41	0.59	0.23	0.02	no	2e-08	yes	241
Ovis aries	0.32	0.75	0.25	0.5	no	0.4	no	4
Pan paniscus	0.27	0.79	0.29	0.0001	yes	2e-12	yes	89
Pan troglodytes	0.25	0.78	0.33	0.0002	yes	2e-12	yes	83
Physcomitrella patens	0.35	0.67	0.28	0.07	no	0.003	no	39

Continued on next page

Table 1:
Phylogenetic breakdown of threshold thermodynamic robustness

group / species	$\bar{r}_t(25)$	$R_t(25)$	$S_t(25)$	Wilcoxon signed-rank		Kolmogorov-Smirnov		number of
				p-value	significant	p-value	significant	sequnces
Pongo pygmaeus	0.28	0.77	0.29	0.0002	yes	3e-10	yes	84
Populus trichocarpa	0.36	0.70	0.18	0.0001	yes	9e-11	yes	203
Rattus norvegicus	0.28	0.78	0.29	4e-09	yes	2e-24	yes	234
Rhesus lymphocryptovirus	0.17	0.88	0.38	0.03	no	3e-07	yes	16
Saccharum officinarum	0.57	0.44	0.06	0.5	no	0.4	no	16
Saguinus labiatus	0.22	0.81	0.38	0.001	no	6e-08	yes	42
Schmidtea mediterranea	0.25	0.79	0.30	0.0003	yes	9e-10	yes	63
Sorghum bicolor	0.39	0.69	0.17	0.06	no	0.0006	yes	72
Sus scrofa	0.26	0.80	0.37	0.004	no	1e-06	yes	54
Tetraodon nigroviridis	0.28	0.76	0.31	3e-06	yes	8e-13	yes	132
Xenopus laevis	0.34	0.57	0.14	0.4	no	0.2	no	7
Xenopus tropicalis	0.21	0.85	0.36	3e-13	yes	2e-27	yes	170
Zea mays	0.43	0.61	0.14	0.04	no	0.01	no	96

A p-value $< 10^{-3}$ is considered significant

Table 2:
Phylogenetic breakdown of distance based mutational robustness

group / species	$\bar{r}_s$	R_s	S_s	Wilcoxon signed-rank		Kolmogorov-Smirnov		number of
				p-value	significant	p-value	significant	sequnces
all	0.29	0.78	0.17	3e-207	yes	1e-299	yes	3641
vertebrate	0.31	0.78	0.13	5e-107	yes	9e-164	yes	2215
invertebrate	0.21	0.88	0.27	2e-45	yes	1e-91	yes	488
landplant	0.31	0.75	0.21	5e-42	yes	6e-59	yes	848
virus	0.23	0.84	0.18	8e-08	yes	2e-14	yes	82
Anopheles gambiae	0.25	0.89	0.08	0.0008	yes	4e-08	yes	38
Apis mellifera	0.20	0.88	0.20	0.002	no	8e-07	yes	25
Arabidopsis thaliana	0.29	0.78	0.19	2e-08	yes	7e-13	yes	131
Ateles geoffroyi	0.24	0.87	0.16	0.0004	yes	3e-09	yes	45
Bombyx mori	0.16	0.95	0.33	0.0007	yes	2e-07	yes	21
Bos taurus	0.26	0.86	0.15	3e-06	yes	1e-13	yes	98
Caenorhabditis briggsae	0.18	0.89	0.37	1e-09	yes	3e-20	yes	79
Caenorhabditis elegans	0.20	0.89	0.37	1e-11	yes	4e-23	yes	114
Canis familiaris	0.44	0.33	0.00	0.4	no	0.1	no	6
Danio rerio	0.33	0.74	0.13	5e-14	yes	4e-17	yes	276
Drosophila melanogaster	0.22	0.88	0.24	1e-07	yes	5e-15	yes	78
Drosophila pseudoobscura	0.22	0.85	0.23	2e-07	yes	5e-15	yes	73
Epstein Barr	0.16	0.96	0.22	0.0007	yes	2e-06	yes	23
Fugu rubripes	0.31	0.76	0.11	2e-07	yes	1e-11	yes	131
Gallus gallus	0.28	0.85	0.11	9e-11	yes	3e-17	yes	149
Glycine max	0.25	0.82	0.27	0.006	no	0.002	no	22
Gorilla gorilla	0.28	0.79	0.13	3e-05	yes	9e-11	yes	86
Homo sapiens	0.32	0.75	0.11	4e-18	yes	2e-36	yes	471
Human cytomegalovirus	0.30	0.73	0.18	0.1	no	0.1	no	11
Kaposi sarcoma-associated	0.23	0.85	0.23	0.03	no	0.0003	yes	13
Lagothrix lagotricha	0.30	0.77	0.15	0.004	no	6e-07	yes	48
Lemur catta	0.26	0.81	0.19	0.05	no	0.0004	yes	16
Macaca mulatta	0.24	0.83	0.20	5e-05	yes	6e-12	yes	71
Macaca nemestrina	0.24	0.84	0.16	4e-06	yes	8e-13	yes	75
Mareks disease	0.33	0.75	0.25	0.2	no	0.4	no	8
Medicago truncatula	0.30	0.68	0.29	0.01	no	4e-05	yes	28
Monodelphis domestica	0.30	0.78	0.12	3e-06	yes	8e-10	yes	107
Mouse gammaherpesvirus	0.25	0.78	0.11	0.08	no	0.01	no	9
Mus musculus	0.33	0.76	0.12	4e-13	yes	9e-26	yes	373
Oryza sativa	0.37	0.67	0.20	6e-06	yes	2e-10	yes	241
Ovis aries	0.40	0.50	0.00	0.6	no	0.8	no	4
Pan paniscus	0.27	0.80	0.11	6e-06	yes	5e-13	yes	89
Pan troglodytes	0.26	0.81	0.12	1e-05	yes	4e-12	yes	83
Physcomitrella patens	0.28	0.77	0.28	0.001	no	0.0002	yes	39

Continued on next page

Table 2:
Phylogenetic breakdown of distance based mutational robustness

group / species	$\bar{r}_s$	R_s	S_s	Wilcoxon signed-rank		Kolmogorov-Smirnov		number of
				p-value	significant	p-value	significant	sequnces
Pongo pygmaeus	0.26	0.80	0.13	6e-06	yes	9e-15	yes	84
Populus trichocarpa	0.27	0.82	0.19	4e-14	yes	2e-21	yes	203
Rattus norvegicus	0.31	0.78	0.13	3e-09	yes	2e-21	yes	234
Rhesus lymphocryptovirus	0.23	0.81	0.12	0.02	no	0.0004	yes	16
Saccharum officinarum	0.26	0.75	0.25	0.03	no	0.0005	yes	16
Saguinus labiatus	0.24	0.86	0.12	0.0003	yes	6e-09	yes	42
Schmidtea mediterranea	0.23	0.84	0.16	3e-06	yes	1e-12	yes	63
Sorghum bicolor	0.31	0.75	0.21	8e-05	yes	1e-07	yes	72
Sus scrofa	0.31	0.76	0.13	0.005	no	5e-05	yes	54
Tetraodon nigroviridis	0.32	0.77	0.11	8e-07	yes	3e-10	yes	132
Xenopus laevis	0.26	0.71	0.14	0.2	no	0.06	no	7
Xenopus tropicalis	0.24	0.85	0.20	1e-14	yes	4e-23	yes	170
Zea mays	0.30	0.78	0.21	5e-07	yes	9e-09	yes	96

A p-value $< 10^{-3}$ is considered significant

Table 3:
Phylogenetic breakdown of neutarily based mutational robustness

group / species	$\bar{r}_n$	R_n	S_n	Wilcoxon signed-rank		Kolmogorov-Smirnov		number of
				p-value	significant	p-value	significant	sequnces
all	0.44	0.59	0.08	1e-10	yes	7e-28	yes	3641
vertebrate	0.46	0.55	0.06	0.02	no	1e-07	yes	2215
invertebrate	0.37	0.68	0.10	2e-07	yes	3e-16	yes	488
landplant	0.41	0.63	0.11	5e-07	yes	2e-14	yes	848
virus	0.38	0.66	0.09	0.06	no	0.0005	yes	82
Anopheles gambiae	0.42	0.58	0.03	0.3	no	0.02	no	38
Apis mellifera	0.45	0.56	0.08	0.5	no	0.4	no	25
Arabidopsis thaliana	0.39	0.62	0.11	0.03	no	0.0006	yes	131
Ateles geoffroyi	0.48	0.53	0.04	0.6	no	0.9	no	45
Bombyx mori	0.40	0.67	0.00	0.4	no	0.09	no	21
Bos taurus	0.43	0.59	0.09	0.3	no	0.07	no	98
Caenorhabditis briggsae	0.25	0.81	0.19	4e-05	yes	8e-11	yes	79
Caenorhabditis elegans	0.30	0.78	0.18	0.0001	yes	8e-10	yes	114
Canis familiaris	0.37	0.67	0.00	0.6	no	0.3	no	6
Danio rerio	0.45	0.60	0.07	0.2	no	0.001	no	276
Drosophila melanogaster	0.40	0.64	0.08	0.1	no	0.01	no	78
Drosophila pseudoobscura	0.44	0.60	0.04	0.3	no	0.05	no	73
Epstein Barr	0.31	0.78	0.00	0.1	no	0.002	no	23
Fugu rubripes	0.48	0.53	0.05	0.6	no	0.9	no	131
Gallus gallus	0.45	0.56	0.05	0.3	no	0.1	no	149
Glycine max	0.36	0.64	0.14	0.2	no	0.04	no	22
Gorilla gorilla	0.46	0.53	0.06	0.5	no	0.5	no	86
Homo sapiens	0.48	0.53	0.04	0.4	no	0.1	no	471
Human cytomegalovirus	0.44	0.64	0.09	0.6	no	0.7	no	11
Kaposi sarcoma-associated	0.38	0.62	0.15	0.4	no	0.4	no	13
Lagothrix lagotricha	0.48	0.52	0.04	0.5	no	0.7	no	48
Lemur catta	0.47	0.56	0.00	0.6	no	0.9	no	16
Macaca mulatta	0.44	0.56	0.06	0.3	no	0.3	no	71
Macaca nemestrina	0.44	0.56	0.09	0.4	no	0.2	no	75
Mareks disease	0.31	0.75	0.25	0.3	no	0.2	no	8
Medicago truncatula	0.45	0.54	0.14	0.5	no	0.4	no	28
Monodelphis domestica	0.49	0.52	0.03	0.6	no	0.4	no	107
Mouse gammaherpesvirus	0.41	0.67	0.00	0.5	no	0.3	no	9
Mus musculus	0.46	0.56	0.06	0.3	no	0.02	no	373
Oryza sativa	0.46	0.54	0.09	0.3	no	0.1	no	241
Ovis aries	0.58	0.25	0.00	0.6	no	0.6	no	4
Pan paniscus	0.45	0.55	0.04	0.4	no	0.1	no	89
Pan troglodytes	0.47	0.53	0.05	0.5	no	0.3	no	83
Physcomitrella patens	0.46	0.54	0.10	0.5	no	0.5	no	39

Continued on next page

Table 3:
Phylogenetic breakdown of neutarily based mutational robustness

group / species	$\bar{r}_n$	R_n	S_n	Wilcoxon signed-rank		Kolmogorov-Smirnov		number of
				p-value	significant	p-value	significant	sequnces
Pongo pygmaeus	0.45	0.55	0.04	0.4	no	0.2	no	84
Populus trichocarpa	0.36	0.72	0.12	0.0004	yes	2e-11	yes	203
Rattus norvegicus	0.47	0.55	0.06	0.4	no	0.2	no	234
Rhesus lymphocryptovirus	0.47	0.50	0.12	0.6	no	0.4	no	16
Saccharum officinarum	0.44	0.62	0.19	0.4	no	0.6	no	16
Saguinus labiatus	0.48	0.55	0.07	0.6	no	0.6	no	42
Schmidtea mediterranea	0.44	0.59	0.06	0.4	no	0.09	no	63
Sorghum bicolor	0.37	0.69	0.14	0.05	no	0.0007	yes	72
Sus scrofa	0.46	0.56	0.11	0.6	no	0.3	no	54
Tetraodon nigroviridis	0.49	0.50	0.03	0.6	no	0.2	no	132
Xenopus laevis	0.44	0.71	0.00	0.6	no	0.4	no	7
Xenopus tropicalis	0.45	0.56	0.07	0.3	no	0.1	no	170
Zea mays	0.39	0.66	0.12	0.02	no	0.005	no	96

A p-value $< 10^{-3}$ is considered significant

Table 4:
Phylogenetic breakdown of correlation between rankscores deterimned using different robustness measures

group / species	$c(r_t(25), r_s)$	$c(r_t(25), r_n)$	$c(r_s, r_n)$
all	0.73	0.29	0.54
vertebrate	0.76	0.29	0.50
invertebrate	0.73	0.31	0.56
landplant	0.68	0.31	0.61
virus	0.65	0.12	0.50
Anopheles gambiae	0.69	0.11	0.46
Apis mellifera	0.66	0.38	0.56
Arabidopsis thaliana	0.75	0.40	0.66
Ateles geoffroyi	0.77	0.36	0.49
Bombyx mori	0.83	0.15	0.40
Bos taurus	0.65	0.35	0.51
Caenorhabditis briggsae	0.68	0.23	0.56
Caenorhabditis elegans	0.75	0.33	0.55
Canis familiaris	0.77	0.60	0.20
Danio rerio	0.76	0.23	0.48
Drosophila melanogaster	0.74	0.36	0.58
Drosophila pseudoobscura	0.80	0.44	0.68
Epstein Barr	0.81	-0.05	0.03
Fugu rubripes	0.82	0.33	0.55
Gallus gallus	0.75	0.17	0.41
Glycine max	0.73	0.33	0.60
Gorilla gorilla	0.79	0.38	0.59
Homo sapiens	0.74	0.28	0.49
Human cytomegalovirus	0.19	-0.15	0.49
Kaposi sarcoma-associated	0.85	0.35	0.61
Lagothrix lagotricha	0.81	0.47	0.65
Lemur catta	0.77	0.54	0.80
Macaca mulatta	0.76	0.47	0.65
Macaca nemestrina	0.81	0.55	0.65
Mareks disease	0.39	-0.51	0.24
Medicago truncatula	0.80	0.36	0.56
Monodelphis domestica	0.70	0.21	0.44
Mouse gammaherpesvirus	0.98	0.82	0.89
Mus musculus	0.79	0.34	0.53
Oryza sativa	0.71	0.25	0.56
Ovis aries	0.79	-0.75	-0.99
Pan paniscus	0.80	0.47	0.62
Pan troglodytes	0.80	0.42	0.58
Physcomitrella patens	0.89	0.61	0.67

Continued on next page

Table 4:
Phylogenetic breakdown of correlation between rankscores deterimned using different robustness measures

group / species	$c(r_t(25), r_s)$	$c(r_t(25), r_n)$	$c(r_s, r_n)$
Pongo pygmaeus	0.80	0.46	0.61
Populus trichocarpa	0.61	0.35	0.59
Rattus norvegicus	0.76	0.24	0.52
Rhesus lymphocryptovirus	0.70	0.29	0.72
Saccharum officinarum	0.08	-0.31	0.87
Saguinus labiatus	0.75	0.49	0.63
Schmidtea mediterranea	0.67	0.34	0.52
Sorghum bicolor	0.73	0.33	0.63
Sus scrofa	0.78	0.39	0.57
Tetraodon nigroviridis	0.78	0.31	0.53
Xenopus laevis	0.85	0.33	0.73
Xenopus tropicalis	0.63	0.23	0.50
Zea mays	0.63	0.28	0.65

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
aga-bantam	510	0.343	0.994	0.918	0.176	0.968	0.933	0.141	0.291	0.266
aga-let-7	422	0.893	0.886	0.949	0.881	0.895	0.938	0.930	0.207	0.243
aga-mir-1	850	0.439	1.000	0.990	0.323	0.974	0.965	0.315	0.310	0.298
aga-mir-10	650	0.000	1.000	0.986	0.078	0.981	0.961	0.558	0.239	0.241
aga-mir-100	422	0.031	1.000	0.884	0.169	0.961	0.894	0.382	0.254	0.241
aga-mir-124	446	0.386	1.000	0.977	0.323	0.962	0.947	0.258	0.253	0.240
aga-mir-125	400	0.655	0.979	0.943	0.395	0.957	0.934	0.190	0.244	0.225
aga-mir-133	486	0.831	0.678	0.836	0.170	0.906	0.846	0.087	0.333	0.269
aga-mir-13b	408	0.431	1.000	0.993	0.299	0.971	0.963	0.053	0.280	0.256
aga-mir-14	408	0.159	1.000	0.887	0.152	0.966	0.908	0.198	0.255	0.236
aga-mir-184	556	0.000	1.000	0.953	0.150	0.960	0.919	0.274	0.252	0.235
aga-mir-2-1	200	0.655	0.914	0.904	0.250	0.946	0.901	0.655	0.174	0.185
aga-mir-2-2	456	0.971	0.250	0.894	0.774	0.870	0.905	0.879	0.253	0.300
aga-mir-210	466	0.077	1.000	0.946	0.196	0.966	0.926	0.276	0.254	0.239
aga-mir-219	438	0.116	1.000	0.954	0.060	0.971	0.928	0.399	0.241	0.236
aga-mir-263	732	0.004	1.000	0.857	0.037	0.965	0.875	0.611	0.240	0.248
aga-mir-275	578	0.017	1.000	0.847	0.015	0.974	0.909	0.030	0.305	0.259
aga-mir-276	412	0.396	0.997	0.914	0.292	0.960	0.919	0.583	0.297	0.303
aga-mir-277	698	0.294	1.000	0.980	0.648	0.949	0.945	0.988	0.170	0.228
aga-mir-278	726	0.190	1.000	0.978	0.207	0.966	0.944	0.385	0.249	0.241
aga-mir-279	432	0.007	1.000	0.923	0.101	0.960	0.908	0.530	0.247	0.250
aga-mir-281	550	0.658	0.979	0.937	0.280	0.968	0.938	0.571	0.317	0.320
aga-mir-282	412	0.000	1.000	0.942	0.085	0.979	0.947	0.263	0.337	0.319
aga-mir-283	692	0.204	1.000	0.984	0.144	0.972	0.952	0.445	0.254	0.251
aga-mir-305	438	0.534	0.994	0.913	0.514	0.940	0.924	0.089	0.311	0.273
aga-mir-307	670	0.151	0.996	0.871	0.038	0.966	0.891	0.619	0.262	0.269
aga-mir-308	660	0.000	1.000	0.986	0.372	0.976	0.970	0.738	0.297	0.313
aga-mir-315	586	0.602	1.000	0.997	0.299	0.969	0.957	0.074	0.360	0.320
aga-mir-317	418	0.306	0.997	0.866	0.089	0.969	0.934	0.280	0.256	0.237
aga-mir-7	718	0.318	1.000	0.962	0.338	0.960	0.933	0.594	0.238	0.241
aga-mir-79	412	0.022	1.000	0.914	0.082	0.972	0.924	0.300	0.309	0.294
aga-mir-8	442	0.113	1.000	0.951	0.154	0.967	0.933	0.546	0.221	0.224
aga-mir-92a	428	0.033	1.000	0.955	0.088	0.974	0.943	0.218	0.281	0.267
aga-mir-92b	442	0.014	1.000	0.948	0.089	0.965	0.915	0.227	0.261	0.240
aga-mir-9a	736	0.000	1.000	0.965	0.229	0.971	0.940	0.544	0.267	0.269
aga-mir-9b	412	0.192	1.000	0.966	0.076	0.978	0.951	0.651	0.251	0.261
aga-mir-9c	418	0.167	1.000	0.964	0.382	0.972	0.961	0.545	0.270	0.273
aga-mir-iab-4	546	0.425	1.000	0.981	0.443	0.954	0.940	0.393	0.234	0.228
age-mir-100	862	0.032	1.000	0.840	0.063	0.963	0.859	0.639	0.254	0.263

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
age-mir-101	1208	0.000	1.000	0.995	0.247	0.972	0.960	0.423	0.307	0.301
age-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
age-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
age-mir-106b	1932	0.000	1.000	0.958	0.141	0.965	0.927	0.529	0.224	0.226
age-mir-10a	800	0.396	0.999	0.960	0.321	0.973	0.951	0.890	0.270	0.312
age-mir-124a	440	0.057	1.000	0.951	0.201	0.973	0.946	0.395	0.293	0.286
age-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
age-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
age-mir-127	2390	0.842	0.417	0.750	0.553	0.894	0.880	0.618	0.261	0.270
age-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
age-mir-133a	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294
age-mir-135-1	1254	0.000	1.000	0.992	0.196	0.980	0.970	0.170	0.285	0.266
age-mir-135-2	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
age-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
age-mir-15b	1560	0.021	1.000	0.897	0.001	0.982	0.922	0.024	0.303	0.263
age-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
age-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
age-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
age-mir-194	2312	0.061	1.000	0.979	0.254	0.967	0.948	0.761	0.220	0.236
age-mir-196	490	0.992	0.850	0.992	0.802	0.968	0.975	0.722	0.230	0.239
age-mir-197	1550	0.168	1.000	0.974	0.214	0.968	0.939	0.480	0.253	0.252
age-mir-198	478	0.912	0.437	0.827	0.949	0.673	0.812	0.955	0.161	0.259
age-mir-19a	552	0.071	1.000	0.988	0.135	0.968	0.952	0.877	0.211	0.242
age-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
age-mir-19b-2	798	0.794	0.973	0.958	0.516	0.959	0.954	0.874	0.281	0.312
age-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
age-mir-205	790	0.365	0.997	0.923	0.206	0.971	0.948	0.306	0.336	0.322
age-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
age-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
age-mir-218	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
age-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
age-mir-222	410	0.163	1.000	0.963	0.378	0.964	0.951	0.546	0.267	0.270
age-mir-23a	652	0.549	1.000	0.987	0.459	0.956	0.939	0.885	0.210	0.233
age-mir-27a	592	0.029	1.000	0.937	0.043	0.965	0.894	0.593	0.214	0.222
age-mir-28	980	0.236	1.000	0.998	0.253	0.970	0.963	0.301	0.248	0.237
age-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
age-mir-29b	2242	0.551	1.000	0.984	0.712	0.952	0.956	0.519	0.267	0.269
age-mir-30b	862	0.037	1.000	0.970	0.096	0.971	0.940	0.770	0.258	0.277
age-mir-34a	700	0.033	1.000	0.947	0.011	0.981	0.948	0.180	0.246	0.226

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
age-mir-9	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
age-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
age-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
age-mir-93	432	0.407	0.999	0.943	0.320	0.947	0.919	0.311	0.225	0.215
age-mir-98	1550	0.227	1.000	0.984	0.184	0.958	0.937	0.274	0.329	0.301
ame-bantam	448	0.397	1.000	0.991	0.065	0.974	0.957	0.108	0.295	0.268
ame-mir-1	376	0.027	1.000	0.956	0.158	0.962	0.927	0.340	0.241	0.232
ame-mir-12	456	0.000	1.000	0.983	0.494	0.974	0.970	0.701	0.209	0.221
ame-mir-124	486	0.630	0.999	0.980	0.718	0.925	0.929	0.491	0.294	0.292
ame-mir-125	520	0.077	1.000	0.887	0.054	0.971	0.910	0.021	0.249	0.210
ame-mir-133	428	0.213	1.000	0.922	0.233	0.960	0.936	0.536	0.221	0.222
ame-mir-184	692	0.036	1.000	0.953	0.085	0.969	0.927	0.427	0.272	0.267
ame-mir-2-1	432	0.572	0.999	0.972	0.655	0.951	0.948	1.000	0.165	0.235
ame-mir-2-2	446	0.000	1.000	0.997	0.279	0.976	0.969	0.058	0.246	0.226
ame-mir-210	452	0.051	1.000	0.935	0.170	0.964	0.917	0.859	0.227	0.261
ame-mir-219	820	0.089	1.000	0.899	0.060	0.972	0.914	0.391	0.288	0.275
ame-mir-263	418	0.311	0.999	0.916	0.049	0.974	0.922	0.471	0.289	0.284
ame-mir-276	466	0.000	1.000	0.970	0.138	0.975	0.940	0.568	0.278	0.282
ame-mir-277	726	0.284	1.000	0.990	0.317	0.965	0.948	0.512	0.230	0.233
ame-mir-278	692	0.000	1.000	0.976	0.117	0.976	0.952	0.671	0.286	0.294
ame-mir-281	540	0.007	1.000	0.925	0.023	0.974	0.931	0.233	0.262	0.246
ame-mir-282	412	0.000	1.000	0.947	0.065	0.974	0.949	0.085	0.279	0.251
ame-mir-305	418	0.203	1.000	0.916	0.136	0.963	0.915	0.579	0.230	0.233
ame-mir-315	456	0.397	1.000	0.993	0.605	0.957	0.952	0.885	0.224	0.260
ame-mir-317	418	0.000	1.000	0.961	0.043	0.978	0.954	0.070	0.259	0.235
ame-mir-7	442	0.421	0.999	0.940	0.197	0.965	0.931	0.487	0.245	0.244
ame-mir-8	452	0.088	1.000	0.930	0.098	0.971	0.925	0.858	0.239	0.274
ame-mir-9a	438	0.000	1.000	0.978	0.003	0.982	0.945	0.254	0.284	0.269
ame-mir-9b	412	0.000	1.000	0.995	0.007	0.985	0.972	0.043	0.333	0.297
ame-mir-iab-4	452	0.241	1.000	0.961	0.217	0.958	0.925	0.592	0.212	0.219
ath-MIR156a	450	0.047	1.000	0.937	0.004	0.983	0.959	0.098	0.268	0.245
ath-MIR156b	510	0.288	0.959	0.768	0.073	0.984	0.956	0.310	0.257	0.245
ath-MIR156c	360	0.025	1.000	0.934	0.013	0.978	0.944	0.206	0.266	0.248
ath-MIR156d	700	0.599	0.998	0.984	0.420	0.975	0.971	0.306	0.254	0.248
ath-MIR156e	410	0.066	1.000	0.916	0.207	0.969	0.957	0.543	0.221	0.224
ath-MIR156f	490	0.855	0.712	0.862	0.567	0.949	0.947	0.908	0.184	0.227
ath-MIR156g	590	0.029	1.000	0.944	0.028	0.977	0.951	0.532	0.291	0.294
ath-MIR156h	520	0.237	0.999	0.936	0.222	0.970	0.946	0.796	0.277	0.299
ath-MIR157a	490	0.698	0.994	0.964	0.234	0.973	0.961	0.128	0.252	0.234

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ath-MIR157b	700	0.059	1.000	0.922	0.054	0.982	0.962	0.233	0.263	0.246
ath-MIR157c	400	0.555	0.500	0.527	0.260	0.961	0.939	0.312	0.233	0.218
ath-MIR157d	400	0.385	0.561	0.502	0.477	0.940	0.933	0.482	0.208	0.207
ath-MIR158a	840	0.370	0.999	0.954	0.451	0.963	0.950	0.621	0.227	0.231
ath-MIR158b	448	0.562	0.990	0.933	0.507	0.937	0.915	0.510	0.247	0.247
ath-MIR159a	190	0.021	1.000	0.806	0.000	0.995	0.947	0.000	0.316	0.268
ath-MIR159b	510	0.398	0.940	0.822	0.076	0.984	0.953	0.341	0.279	0.269
ath-MIR159c	400	0.735	0.622	0.731	0.275	0.978	0.956	0.625	0.249	0.255
ath-MIR160a	448	0.000	1.000	0.988	0.047	0.981	0.961	0.386	0.267	0.264
ath-MIR160b	428	0.000	1.000	0.978	0.006	0.981	0.954	0.020	0.285	0.251
ath-MIR160c	528	0.188	1.000	0.993	0.197	0.974	0.960	0.418	0.225	0.222
ath-MIR161	350	1.000	0.071	0.767	0.780	0.951	0.959	0.857	0.200	0.220
ath-MIR162a	700	0.164	0.991	0.861	0.181	0.972	0.952	0.199	0.243	0.226
ath-MIR162b	450	0.998	0.383	0.966	0.851	0.938	0.957	0.933	0.210	0.250
ath-MIR163	470	0.840	0.165	0.379	0.202	0.962	0.927	0.166	0.227	0.201
ath-MIR164a	410	0.056	1.000	0.963	0.039	0.980	0.956	0.276	0.242	0.228
ath-MIR164b	490	0.898	0.632	0.888	0.729	0.946	0.956	0.561	0.248	0.249
ath-MIR164c	400	0.000	1.000	0.999	0.000	0.954	0.942	0.000	0.265	0.000
ath-MIR165a	490	0.788	0.989	0.981	0.537	0.971	0.967	0.100	0.294	0.275
ath-MIR165b	400	0.647	0.817	0.829	0.432	0.966	0.957	0.780	0.216	0.229
ath-MIR166a	400	0.738	0.734	0.814	0.578	0.948	0.939	0.512	0.243	0.243
ath-MIR166b	200	0.020	1.000	0.954	0.000	0.993	0.944	0.050	0.282	0.262
ath-MIR166c	698	0.093	0.995	0.802	0.001	0.981	0.897	0.003	0.314	0.233
ath-MIR166d	400	0.140	0.998	0.890	0.025	0.977	0.908	0.005	0.319	0.247
ath-MIR166e	380	0.329	0.911	0.754	0.287	0.944	0.911	0.305	0.273	0.250
ath-MIR166f	640	0.842	0.426	0.763	0.508	0.918	0.904	0.527	0.219	0.221
ath-MIR166g	410	0.037	1.000	0.938	0.007	0.985	0.947	0.185	0.292	0.271
ath-MIR167a	460	0.157	0.993	0.888	0.039	0.978	0.955	0.170	0.213	0.198
ath-MIR167b	430	0.521	0.988	0.928	0.347	0.964	0.944	0.633	0.229	0.235
ath-MIR167c	490	0.692	0.701	0.781	0.502	0.958	0.954	0.676	0.237	0.252
ath-MIR167d	510	1.000	0.004	0.034	0.000	0.887	0.830	0.000	0.164	0.000
ath-MIR168a	300	0.060	1.000	0.909	0.333	0.969	0.953	0.110	0.242	0.222
ath-MIR168b	460	0.793	0.746	0.863	0.598	0.940	0.942	0.383	0.231	0.223
ath-MIR169a	410	0.602	0.631	0.677	0.098	0.981	0.956	0.059	0.333	0.276
ath-MIR169b	520	0.908	0.624	0.873	0.677	0.970	0.972	0.475	0.225	0.224
ath-MIR169c	490	0.418	0.141	0.161	0.145	0.976	0.960	0.029	0.263	0.219
ath-MIR169d	390	0.392	0.995	0.949	0.054	0.986	0.976	0.651	0.225	0.231
ath-MIR169e	450	0.618	0.683	0.716	0.184	0.978	0.960	0.067	0.266	0.231
ath-MIR169f	700	0.086	0.996	0.813	0.019	0.985	0.964	0.023	0.289	0.247

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ath-MIR169g	710	0.968	0.016	0.184	0.935	0.920	0.958	0.755	0.232	0.252
ath-MIR169h	490	0.143	0.926	0.657	0.008	0.982	0.953	0.014	0.249	0.205
ath-MIR169i	420	0.981	0.280	0.748	0.602	0.963	0.963	0.700	0.210	0.222
ath-MIR169j	410	0.995	0.121	0.751	0.671	0.958	0.960	0.710	0.243	0.252
ath-MIR169k	490	0.394	0.938	0.840	0.149	0.984	0.972	0.053	0.275	0.252
ath-MIR169l	300	0.827	0.594	0.786	0.427	0.971	0.960	0.410	0.248	0.244
ath-MIR169m	380	0.689	0.676	0.758	0.155	0.981	0.968	0.274	0.248	0.237
ath-MIR169n	490	0.112	0.958	0.710	0.094	0.980	0.954	0.061	0.290	0.259
ath-MIR170	412	0.000	1.000	0.976	0.069	0.980	0.956	0.279	0.290	0.274
ath-MIR171a	410	0.149	0.999	0.942	0.261	0.969	0.950	0.244	0.255	0.232
ath-MIR171b	340	0.215	0.998	0.950	0.021	0.982	0.949	0.159	0.322	0.294
ath-MIR171c	700	0.016	1.000	0.977	0.020	0.981	0.961	0.164	0.279	0.256
ath-MIR172a	400	0.963	0.575	0.922	0.930	0.882	0.932	0.975	0.170	0.234
ath-MIR172b	412	0.175	1.000	0.919	0.435	0.956	0.942	0.731	0.235	0.250
ath-MIR172c	340	0.406	0.994	0.936	0.235	0.975	0.959	0.153	0.248	0.231
ath-MIR172d	500	0.874	0.972	0.983	0.400	0.978	0.969	0.302	0.274	0.265
ath-MIR172e	700	0.290	0.995	0.885	0.163	0.975	0.948	0.120	0.307	0.274
ath-MIR173	541	0.011	1.000	0.919	0.119	0.970	0.942	0.484	0.242	0.243
ath-MIR319a	500	0.026	1.000	0.876	0.010	0.990	0.958	0.032	0.267	0.228
ath-MIR319b	490	0.047	1.000	0.940	0.027	0.989	0.971	0.600	0.244	0.248
ath-MIR319c	434	0.272	0.965	0.804	0.127	0.984	0.963	0.295	0.246	0.234
ath-MIR390a	520	0.656	0.978	0.956	0.472	0.961	0.954	0.674	0.209	0.219
ath-MIR390b	190	1.000	0.924	0.925	0.000	0.962	0.960	0.000	0.285	0.000
ath-MIR391	470	0.443	0.493	0.469	0.119	0.960	0.895	0.055	0.231	0.190
ath-MIR393a	400	0.680	0.765	0.783	0.590	0.935	0.938	0.485	0.246	0.228
ath-MIR393b	410	0.654	0.729	0.762	0.141	0.963	0.937	0.351	0.229	0.217
ath-MIR394a	400	0.417	0.997	0.962	0.193	0.976	0.959	0.310	0.211	0.205
ath-MIR394b	410	0.432	0.995	0.941	0.349	0.968	0.956	0.376	0.278	0.268
ath-MIR395a	688	0.352	1.000	0.966	0.426	0.963	0.947	0.578	0.269	0.274
ath-MIR395b	840	0.168	1.000	0.976	0.065	0.978	0.957	0.256	0.267	0.253
ath-MIR395c	780	0.364	1.000	0.978	0.205	0.974	0.958	0.315	0.260	0.252
ath-MIR395d	480	0.150	1.000	0.949	0.065	0.975	0.946	0.639	0.257	0.266
ath-MIR395e	402	0.562	1.000	0.987	0.510	0.970	0.965	0.967	0.249	0.294
ath-MIR395f	400	0.133	1.000	0.966	0.022	0.983	0.960	0.242	0.232	0.217
ath-MIR396a	490	0.376	0.900	0.818	0.365	0.961	0.951	0.555	0.241	0.247
ath-MIR396b	620	0.955	0.551	0.905	0.958	0.917	0.957	0.818	0.244	0.281
ath-MIR397a	431	0.819	0.987	0.977	0.856	0.960	0.970	0.678	0.237	0.243
ath-MIR397b	510	0.478	0.980	0.902	0.806	0.939	0.951	0.941	0.199	0.246
ath-MIR398a	460	0.000	1.000	0.910	0.040	0.979	0.930	0.560	0.302	0.305

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ath-MIR398b	510	0.247	0.999	0.960	0.275	0.974	0.960	0.469	0.244	0.243
ath-MIR398c	490	0.120	0.989	0.819	0.094	0.959	0.919	0.218	0.255	0.232
ath-MIR399a	350	0.283	1.000	0.980	0.163	0.985	0.973	0.651	0.244	0.249
ath-MIR399b	490	0.439	0.946	0.861	0.276	0.968	0.957	0.229	0.291	0.263
ath-MIR399c	450	0.000	1.000	0.981	0.156	0.984	0.970	0.636	0.237	0.247
ath-MIR399d	560	0.107	1.000	0.957	0.073	0.972	0.936	0.291	0.237	0.221
ath-MIR399e	610	0.228	1.000	0.961	0.200	0.976	0.956	0.795	0.217	0.236
ath-MIR399f	490	0.304	0.999	0.953	0.127	0.982	0.956	0.078	0.274	0.252
ath-MIR400	470	0.753	0.998	0.989	0.639	0.971	0.971	0.760	0.248	0.260
ath-MIR401	450	0.404	0.588	0.520	0.233	0.960	0.927	0.133	0.276	0.243
ath-MIR402	490	0.996	0.020	0.336	0.202	0.976	0.956	0.567	0.241	0.244
ath-MIR403	490	0.645	0.902	0.897	0.576	0.955	0.953	0.563	0.279	0.284
ath-MIR404	410	0.822	0.768	0.888	0.580	0.962	0.962	0.763	0.211	0.229
ath-MIR405a	490	0.947	0.720	0.952	0.876	0.955	0.972	0.212	0.287	0.271
ath-MIR405b	400	0.468	0.981	0.880	0.260	0.974	0.958	0.030	0.363	0.308
ath-MIR405d	442	0.000	1.000	0.999	0.168	0.978	0.971	0.642	0.295	0.303
ath-MIR406	134	0.791	0.354	0.559	0.448	0.933	0.923	0.015	0.314	0.249
ath-MIR407	370	0.200	1.000	0.982	0.051	0.995	0.993	0.511	0.221	0.222
ath-MIR408	448	0.674	0.375	0.522	0.328	0.945	0.922	0.080	0.310	0.248
ath-MIR413	700	0.007	0.999	0.756	0.001	0.977	0.896	0.000	0.374	0.245
ath-MIR414	790	0.554	0.721	0.700	0.452	0.878	0.852	0.211	0.250	0.217
ath-MIR415	410	0.446	0.922	0.849	0.176	0.943	0.900	0.171	0.297	0.256
ath-MIR416	486	0.325	0.998	0.953	0.073	0.953	0.891	0.342	0.221	0.210
ath-MIR417	380	0.382	0.935	0.829	0.358	0.934	0.903	0.532	0.191	0.197
ath-MIR418	506	0.178	0.970	0.707	0.143	0.897	0.815	0.068	0.301	0.227
ath-MIR419	420	0.681	0.905	0.870	0.606	0.923	0.918	0.742	0.274	0.293
ath-MIR420	480	0.781	0.380	0.654	0.822	0.816	0.869	0.892	0.217	0.307
ath-MIR426	430	0.049	0.970	0.677	0.088	0.917	0.830	0.156	0.264	0.208
ath-MIR447a	490	0.214	0.971	0.819	0.143	0.987	0.977	0.418	0.232	0.228
ath-MIR447b	410	0.500	0.747	0.709	0.029	0.988	0.971	0.220	0.223	0.210
ath-MIR447c	510	0.782	0.706	0.818	0.471	0.973	0.968	0.855	0.190	0.206
ath-MIR771	490	0.529	0.939	0.886	0.278	0.953	0.925	0.265	0.280	0.257
ath-MIR772	180	0.950	0.105	0.551	0.717	0.888	0.912	0.500	0.221	0.223
ath-MIR773	436	0.101	1.000	0.972	0.118	0.976	0.947	0.063	0.286	0.258
ath-MIR774	850	0.496	1.000	0.993	0.291	0.976	0.969	0.359	0.255	0.250
ath-MIR775	510	0.122	1.000	0.967	0.065	0.987	0.965	0.239	0.290	0.271
ath-MIR776	370	0.551	0.992	0.918	0.062	0.982	0.946	0.484	0.232	0.229
ath-MIR777	430	0.444	0.998	0.950	0.487	0.963	0.958	0.863	0.191	0.217
ath-MIR778	330	0.967	0.489	0.892	0.845	0.930	0.955	0.927	0.186	0.227

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ath-MIR779	400	0.682	0.993	0.977	0.388	0.985	0.981	0.565	0.211	0.213
ath-MIR780	700	0.564	0.904	0.871	0.883	0.934	0.958	0.897	0.195	0.225
ath-MIR781	408	0.299	1.000	0.960	0.326	0.972	0.962	0.737	0.223	0.234
ath-MIR782	490	0.092	1.000	0.934	0.055	0.971	0.938	0.090	0.228	0.190
ath-MIR783	400	0.000	1.000	0.979	0.065	0.996	0.994	0.485	0.195	0.196
bmo-let-7	360	0.039	1.000	0.984	0.117	0.977	0.964	0.369	0.250	0.244
bmo-mir-1	552	0.000	1.000	0.985	0.172	0.971	0.951	0.188	0.302	0.276
bmo-mir-10	466	0.279	1.000	0.979	0.431	0.970	0.955	0.916	0.246	0.280
bmo-mir-124	452	0.000	1.000	0.925	0.004	0.976	0.902	0.060	0.306	0.257
bmo-mir-14	466	0.285	1.000	0.980	0.136	0.974	0.949	0.648	0.271	0.279
bmo-mir-263a	412	0.032	1.000	0.739	0.016	0.971	0.856	0.244	0.288	0.256
bmo-mir-263b	428	0.103	1.000	0.911	0.105	0.961	0.897	0.420	0.251	0.243
bmo-mir-275	438	0.543	0.989	0.945	0.359	0.943	0.920	0.490	0.236	0.236
bmo-mir-276	446	0.000	1.000	0.945	0.155	0.974	0.934	0.728	0.274	0.287
bmo-mir-277	430	0.709	0.983	0.974	0.623	0.963	0.964	0.230	0.235	0.220
bmo-mir-279	452	0.000	1.000	0.970	0.085	0.976	0.949	0.082	0.314	0.285
bmo-mir-282	542	0.000	1.000	0.888	0.029	0.975	0.909	0.738	0.251	0.271
bmo-mir-283	366	0.000	1.000	0.987	0.045	0.979	0.953	0.239	0.277	0.265
bmo-mir-305	418	0.000	1.000	0.973	0.039	0.978	0.958	0.204	0.282	0.268
bmo-mir-307	498	0.028	1.000	0.901	0.116	0.970	0.925	0.655	0.257	0.267
bmo-mir-31	490	0.045	1.000	0.961	0.165	0.977	0.952	0.516	0.300	0.300
bmo-mir-34	580	0.045	1.000	0.946	0.105	0.972	0.934	0.262	0.252	0.237
bmo-mir-7	448	0.145	1.000	0.961	0.421	0.953	0.929	0.920	0.204	0.238
bmo-mir-71	490	0.253	0.988	0.869	0.212	0.963	0.922	0.198	0.331	0.298
bmo-mir-8	460	0.052	1.000	0.862	0.037	0.973	0.905	0.142	0.281	0.250
bmo-mir-9	418	0.000	1.000	0.985	0.004	0.980	0.954	0.129	0.274	0.255
bta-let-7a	530	0.358	1.000	0.994	0.332	0.957	0.947	0.560	0.221	0.229
bta-let-7d	442	0.000	1.000	0.978	0.361	0.959	0.949	0.756	0.226	0.247
bta-let-7f-1	1314	0.153	1.000	0.995	0.124	0.972	0.957	0.322	0.284	0.269
bta-let-7f-2	770	0.169	1.000	0.997	0.317	0.961	0.949	0.704	0.217	0.223
bta-let-7g	818	0.055	1.000	0.969	0.056	0.968	0.935	0.005	0.285	0.229
bta-let-7i	1064	0.028	1.000	0.967	0.157	0.954	0.931	0.414	0.250	0.243
bta-mir-101	592	0.895	0.998	0.995	0.883	0.943	0.957	0.869	0.207	0.240
bta-mir-103	326	0.061	1.000	0.956	0.128	0.949	0.887	0.138	0.227	0.200
bta-mir-106	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
bta-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
bta-mir-10a	440	0.393	0.999	0.966	0.242	0.975	0.952	0.912	0.269	0.313
bta-mir-10b	560	0.400	1.000	0.991	0.541	0.970	0.965	0.253	0.266	0.256
bta-mir-122a	708	0.000	1.000	0.994	0.152	0.979	0.970	0.410	0.255	0.252

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
bta-mir-124a	2056	0.000	1.000	0.950	0.152	0.976	0.940	0.224	0.325	0.305
bta-mir-125a	452	0.761	0.461	0.714	0.766	0.760	0.833	0.813	0.174	0.212
bta-mir-125b	438	0.349	1.000	0.974	0.276	0.967	0.949	0.601	0.242	0.248
bta-mir-126	786	0.000	1.000	0.991	0.051	0.977	0.949	0.074	0.251	0.224
bta-mir-127	412	0.721	0.688	0.778	0.365	0.926	0.884	0.290	0.312	0.289
bta-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
bta-mir-132	478	0.138	1.000	0.926	0.030	0.978	0.934	0.125	0.271	0.246
bta-mir-138	456	0.721	0.974	0.963	0.453	0.943	0.920	0.421	0.241	0.235
bta-mir-139	450	0.336	1.000	0.990	0.047	0.975	0.943	0.232	0.289	0.277
bta-mir-140	408	0.331	1.000	0.993	0.399	0.973	0.968	0.480	0.255	0.256
bta-mir-142	1326	0.000	1.000	0.988	0.548	0.971	0.967	0.902	0.199	0.225
bta-mir-145	2168	0.049	1.000	0.936	0.166	0.970	0.928	0.572	0.269	0.274
bta-mir-148a	728	0.014	1.000	0.933	0.004	0.967	0.912	0.057	0.255	0.216
bta-mir-148b	418	0.289	0.998	0.915	0.263	0.954	0.914	0.134	0.278	0.252
bta-mir-150	660	0.382	0.999	0.965	0.394	0.964	0.945	0.367	0.300	0.291
bta-mir-151	450	0.000	1.000	0.994	0.028	0.981	0.962	0.104	0.275	0.257
bta-mir-15b	490	0.037	1.000	0.903	0.011	0.981	0.922	0.049	0.299	0.262
bta-mir-16	408	0.000	1.000	0.961	0.098	0.976	0.954	0.642	0.283	0.292
bta-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
bta-mir-181a-2	370	0.357	0.997	0.926	0.111	0.977	0.931	0.181	0.333	0.305
bta-mir-181b	432	0.062	1.000	0.978	0.049	0.977	0.949	0.092	0.330	0.300
bta-mir-181c	490	0.884	0.837	0.938	0.700	0.931	0.931	0.962	0.244	0.305
bta-mir-186	438	0.000	1.000	0.977	0.441	0.968	0.962	0.912	0.209	0.235
bta-mir-18a	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
bta-mir-18b	406	0.005	1.000	0.857	0.068	0.953	0.863	0.710	0.209	0.229
bta-mir-191	412	0.063	1.000	0.952	0.296	0.969	0.951	0.642	0.231	0.239
bta-mir-192	540	0.546	0.893	0.829	0.201	0.954	0.900	0.195	0.283	0.256
bta-mir-193a	466	0.000	1.000	0.933	0.027	0.976	0.914	0.761	0.259	0.278
bta-mir-199a	360	0.072	0.999	0.853	0.088	0.969	0.904	0.363	0.327	0.310
bta-mir-199b	660	0.135	1.000	0.932	0.275	0.962	0.925	0.622	0.277	0.284
bta-mir-200a	438	0.514	1.000	0.988	0.503	0.959	0.952	0.537	0.205	0.209
bta-mir-200b	406	0.000	1.000	0.968	0.155	0.956	0.904	0.890	0.243	0.277
bta-mir-200c	572	0.467	1.000	0.987	0.642	0.943	0.936	0.730	0.282	0.294
bta-mir-205	450	0.000	1.000	0.997	0.031	0.981	0.963	0.313	0.304	0.291
bta-mir-20a	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
bta-mir-20b	450	0.000	1.000	0.984	0.145	0.956	0.921	0.367	0.232	0.225
bta-mir-21	326	0.798	0.996	0.984	0.240	0.964	0.941	0.843	0.222	0.240
bta-mir-210	590	0.273	0.996	0.845	0.793	0.820	0.883	0.404	0.289	0.278
bta-mir-214	520	0.000	1.000	0.985	0.057	0.985	0.974	0.046	0.348	0.317

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
bta-mir-215	476	0.057	1.000	0.971	0.124	0.973	0.939	0.564	0.266	0.269
bta-mir-218	478	0.561	1.000	0.985	0.381	0.945	0.916	0.573	0.274	0.285
bta-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
bta-mir-221	380	0.092	0.999	0.899	0.011	0.977	0.906	0.050	0.348	0.291
bta-mir-222	470	0.309	0.990	0.911	0.309	0.958	0.935	0.411	0.264	0.256
bta-mir-23a	576	0.455	1.000	0.992	0.500	0.954	0.944	0.875	0.210	0.230
bta-mir-23b	444	0.340	1.000	0.973	0.458	0.931	0.903	0.729	0.256	0.280
bta-mir-24	326	0.782	0.743	0.850	0.924	0.715	0.848	0.677	0.245	0.266
bta-mir-25	426	0.092	1.000	0.865	0.192	0.943	0.854	0.561	0.226	0.228
bta-mir-26a	898	0.000	1.000	0.980	0.111	0.977	0.949	0.864	0.242	0.276
bta-mir-26b	452	0.102	1.000	0.977	0.082	0.973	0.946	0.053	0.271	0.244
bta-mir-27a	476	0.057	1.000	0.955	0.055	0.969	0.906	0.126	0.325	0.290
bta-mir-27b	410	0.149	1.000	0.966	0.423	0.963	0.956	0.959	0.213	0.253
bta-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
bta-mir-29b	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
bta-mir-29c	1728	0.573	0.999	0.971	0.537	0.956	0.949	0.689	0.254	0.265
bta-mir-30a	478	0.331	1.000	0.995	0.330	0.966	0.952	0.892	0.259	0.288
bta-mir-30b	438	0.000	1.000	0.954	0.039	0.972	0.934	0.593	0.242	0.247
bta-mir-30c	460	0.857	0.429	0.763	0.389	0.912	0.868	0.343	0.254	0.237
bta-mir-30d	530	0.000	1.000	0.989	0.383	0.967	0.947	0.516	0.333	0.334
bta-mir-30e	692	0.000	1.000	0.982	0.107	0.977	0.958	0.030	0.254	0.222
bta-mir-31	692	0.103	1.000	0.936	0.075	0.978	0.928	0.238	0.351	0.330
bta-mir-320	456	0.000	1.000	0.977	0.014	0.985	0.945	0.018	0.504	0.396
bta-mir-342	412	0.041	1.000	0.781	0.052	0.957	0.860	0.167	0.298	0.263
bta-mir-345	692	0.000	1.000	0.983	0.103	0.980	0.959	0.221	0.278	0.262
bta-mir-34b	466	0.000	1.000	0.985	0.172	0.974	0.951	0.492	0.258	0.259
bta-mir-34c	766	0.000	1.000	0.973	0.041	0.979	0.945	0.561	0.251	0.252
bta-mir-361	516	0.000	1.000	0.960	0.044	0.969	0.903	0.398	0.286	0.274
bta-mir-363	426	0.141	1.000	0.963	0.256	0.964	0.933	0.420	0.279	0.274
bta-mir-369	450	0.482	1.000	0.998	0.285	0.971	0.959	0.435	0.309	0.305
bta-mir-380	831	0.000	1.000	0.977	1.000	0.508	0.916	0.002	0.705	0.279
bta-mir-423	408	0.069	1.000	0.942	0.001	0.984	0.950	0.049	0.365	0.330
bta-mir-425	438	0.395	0.981	0.842	0.237	0.938	0.872	0.596	0.218	0.228
bta-mir-450	412	0.000	1.000	0.982	0.009	0.986	0.971	0.129	0.351	0.335
bta-mir-455	428	0.673	0.978	0.939	0.496	0.945	0.924	0.674	0.288	0.302
bta-mir-484	510	0.329	0.995	0.915	0.371	0.883	0.851	0.084	0.307	0.224
bta-mir-487a	486	0.237	1.000	0.953	0.309	0.957	0.921	0.779	0.229	0.248
bta-mir-487b	446	0.150	1.000	0.926	0.203	0.967	0.930	0.312	0.313	0.297
bta-mir-499	490	0.445	1.000	0.984	0.418	0.978	0.966	0.465	0.301	0.298

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
bta-mir-532	438	0.274	0.999	0.895	0.170	0.963	0.896	0.507	0.337	0.335
bta-mir-545	460	0.126	0.997	0.858	0.067	0.967	0.909	0.041	0.305	0.251
bta-mir-7	510	0.718	0.920	0.919	0.953	0.722	0.876	0.912	0.232	0.308
bta-mir-92	430	0.100	1.000	0.912	0.157	0.953	0.871	0.256	0.324	0.302
bta-mir-93	406	0.490	0.995	0.935	0.433	0.930	0.904	0.379	0.251	0.244
bta-mir-98	410	0.193	0.999	0.963	0.146	0.975	0.962	0.229	0.277	0.253
bta-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
cbr-let-7	538	0.000	1.000	0.987	0.381	0.970	0.959	0.889	0.218	0.249
cbr-lin-4	412	0.012	1.000	0.839	0.059	0.965	0.891	0.147	0.291	0.261
cbr-lsy-6	424	0.186	1.000	0.960	0.128	0.971	0.940	0.137	0.306	0.278
cbr-mir-1	412	0.046	1.000	0.962	0.003	0.978	0.944	0.007	0.316	0.269
cbr-mir-124	670	0.010	1.000	0.908	0.096	0.973	0.920	0.310	0.276	0.263
cbr-mir-228	408	0.110	1.000	0.949	0.062	0.971	0.927	0.185	0.247	0.228
cbr-mir-230	400	0.062	1.000	0.972	0.178	0.971	0.950	0.448	0.250	0.249
cbr-mir-231	360	0.092	1.000	0.934	0.126	0.972	0.947	0.559	0.269	0.273
cbr-mir-232	412	0.617	0.981	0.935	0.477	0.952	0.937	0.391	0.267	0.257
cbr-mir-233	680	0.076	1.000	0.910	0.080	0.973	0.938	0.096	0.271	0.235
cbr-mir-234	680	0.446	0.999	0.970	0.359	0.963	0.943	0.145	0.257	0.238
cbr-mir-236	480	0.006	1.000	0.878	0.053	0.972	0.931	0.159	0.273	0.248
cbr-mir-239a	330	0.012	1.000	0.902	0.003	0.985	0.929	0.036	0.336	0.283
cbr-mir-239b	490	0.014	1.000	0.968	0.008	0.986	0.951	0.078	0.387	0.329
cbr-mir-240	730	0.092	1.000	0.942	0.025	0.978	0.940	0.062	0.280	0.243
cbr-mir-241	522	0.102	1.000	0.965	0.228	0.963	0.936	0.536	0.241	0.244
cbr-mir-244	422	0.275	1.000	0.996	0.727	0.967	0.971	0.710	0.242	0.250
cbr-mir-245	452	0.029	1.000	0.882	0.057	0.966	0.919	0.101	0.263	0.233
cbr-mir-246	430	0.235	0.999	0.929	0.111	0.974	0.941	0.234	0.327	0.302
cbr-mir-248	360	0.378	0.936	0.728	0.087	0.958	0.873	0.000	0.276	0.214
cbr-mir-249	430	0.207	0.999	0.949	0.159	0.969	0.952	0.224	0.318	0.289
cbr-mir-250	442	0.000	1.000	0.823	0.000	0.975	0.870	0.076	0.291	0.247
cbr-mir-251	412	0.274	1.000	0.989	0.326	0.978	0.970	0.882	0.257	0.285
cbr-mir-252	490	0.000	1.000	0.858	0.002	0.975	0.911	0.062	0.259	0.227
cbr-mir-253	440	0.134	1.000	0.913	0.026	0.978	0.942	0.287	0.270	0.255
cbr-mir-254	510	0.184	1.000	0.907	0.076	0.978	0.946	0.077	0.346	0.301
cbr-mir-259	412	0.005	1.000	0.850	0.066	0.969	0.896	0.082	0.312	0.266
cbr-mir-268	476	0.920	0.875	0.970	0.785	0.895	0.917	0.459	0.278	0.274
cbr-mir-34	412	0.017	1.000	0.786	0.010	0.969	0.855	0.088	0.219	0.185
cbr-mir-35	470	0.443	0.996	0.956	0.185	0.973	0.953	0.017	0.339	0.294
cbr-mir-353	510	0.118	0.998	0.854	0.025	0.981	0.912	0.004	0.408	0.309
cbr-mir-354	430	0.400	0.902	0.786	0.178	0.932	0.868	0.416	0.235	0.227

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
cbr-mir-355	610	0.774	0.963	0.947	0.584	0.957	0.947	0.763	0.260	0.276
cbr-mir-356	510	0.047	0.996	0.818	0.047	0.957	0.881	0.318	0.310	0.280
cbr-mir-357	430	0.263	0.999	0.938	0.019	0.982	0.915	0.009	0.322	0.261
cbr-mir-358	490	0.016	1.000	0.927	0.014	0.982	0.920	0.169	0.327	0.292
cbr-mir-36	520	0.075	1.000	0.962	0.037	0.981	0.963	0.438	0.262	0.259
cbr-mir-360	400	0.168	1.000	0.957	0.158	0.975	0.936	0.040	0.312	0.272
cbr-mir-38	400	0.995	0.501	0.949	0.960	0.922	0.956	0.525	0.238	0.238
cbr-mir-39	510	0.067	1.000	0.965	0.057	0.983	0.958	0.055	0.327	0.292
cbr-mir-40	510	0.165	0.999	0.900	0.084	0.974	0.921	0.347	0.270	0.256
cbr-mir-41	490	0.145	0.999	0.948	0.016	0.977	0.945	0.159	0.321	0.295
cbr-mir-42	400	0.000	1.000	0.966	0.123	0.973	0.957	0.084	0.281	0.256
cbr-mir-43	402	0.020	1.000	0.865	0.069	0.965	0.915	0.233	0.256	0.235
cbr-mir-44	402	0.000	1.000	0.943	0.022	0.977	0.949	0.098	0.270	0.246
cbr-mir-45-1	456	0.000	1.000	0.966	0.142	0.969	0.947	0.521	0.228	0.229
cbr-mir-45-2	556	0.000	1.000	0.981	0.352	0.972	0.964	0.524	0.236	0.238
cbr-mir-46	412	0.250	0.998	0.886	0.289	0.947	0.900	0.611	0.213	0.221
cbr-mir-47	408	0.132	1.000	0.944	0.296	0.958	0.936	0.668	0.251	0.264
cbr-mir-48	402	0.000	1.000	0.766	0.006	0.980	0.876	0.078	0.302	0.266
cbr-mir-49	500	0.406	0.997	0.938	0.341	0.955	0.934	0.112	0.264	0.238
cbr-mir-50	650	0.000	1.000	0.993	0.487	0.974	0.972	0.275	0.241	0.233
cbr-mir-51	490	0.988	0.224	0.810	0.829	0.864	0.915	0.610	0.253	0.262
cbr-mir-52	470	0.006	1.000	0.723	0.027	0.964	0.856	0.284	0.259	0.235
cbr-mir-55	490	0.645	0.945	0.924	0.549	0.952	0.948	0.171	0.295	0.272
cbr-mir-57	532	0.613	0.890	0.817	0.217	0.941	0.879	0.719	0.230	0.245
cbr-mir-58	546	0.386	1.000	0.964	0.511	0.955	0.940	0.012	0.294	0.256
cbr-mir-60	326	0.347	1.000	0.962	0.136	0.966	0.929	0.091	0.287	0.266
cbr-mir-61	430	0.140	1.000	0.948	0.108	0.979	0.947	0.227	0.368	0.340
cbr-mir-62	490	0.233	0.999	0.960	0.631	0.939	0.931	0.480	0.315	0.312
cbr-mir-64	490	0.516	0.897	0.797	0.073	0.962	0.870	0.190	0.279	0.243
cbr-mir-67	402	0.012	1.000	0.842	0.011	0.977	0.896	0.418	0.291	0.282
cbr-mir-70	400	0.102	0.999	0.907	0.040	0.977	0.925	0.030	0.351	0.294
cbr-mir-71	486	0.000	1.000	0.995	0.167	0.978	0.965	0.055	0.273	0.253
cbr-mir-72	700	0.267	0.999	0.888	0.029	0.971	0.910	0.011	0.263	0.163
cbr-mir-73	412	0.595	0.830	0.758	0.257	0.927	0.862	0.085	0.270	0.215
cbr-mir-74	486	0.000	1.000	0.953	0.035	0.976	0.932	0.118	0.300	0.265
cbr-mir-75	692	0.003	1.000	0.878	0.026	0.971	0.878	0.046	0.268	0.225
cbr-mir-77	400	0.083	1.000	0.953	0.192	0.976	0.959	0.708	0.253	0.271
cbr-mir-79	412	0.041	1.000	0.915	0.010	0.976	0.913	0.022	0.308	0.259
cbr-mir-80	840	0.064	1.000	0.920	0.044	0.974	0.919	0.021	0.277	0.234

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
cbr-mir-81	432	0.014	1.000	0.935	0.026	0.975	0.930	0.328	0.274	0.262
cbr-mir-82	692	0.132	1.000	0.979	0.307	0.973	0.962	0.283	0.267	0.255
cbr-mir-83	400	0.588	0.883	0.873	0.028	0.960	0.913	0.018	0.252	0.200
cbr-mir-84	490	0.333	0.960	0.847	0.145	0.952	0.874	0.078	0.319	0.259
cbr-mir-85	756	0.000	1.000	0.991	0.508	0.969	0.963	0.626	0.258	0.265
cbr-mir-86	470	0.002	1.000	0.896	0.031	0.975	0.931	0.112	0.293	0.263
cbr-mir-87	412	0.007	1.000	0.827	0.007	0.966	0.871	0.243	0.225	0.204
cbr-mir-90	420	0.000	1.000	0.957	0.034	0.977	0.947	0.003	0.299	0.263
cel-let-7	610	0.226	1.000	0.994	0.320	0.976	0.970	0.138	0.327	0.299
cel-lin-4	692	0.078	1.000	0.888	0.085	0.967	0.902	0.055	0.280	0.245
cel-lsy-6	426	0.852	0.985	0.980	0.430	0.957	0.940	0.039	0.306	0.260
cel-mir-1	498	0.086	1.000	0.973	0.077	0.977	0.953	0.265	0.323	0.309
cel-mir-124	678	0.058	1.000	0.909	0.083	0.970	0.913	0.038	0.299	0.256
cel-mir-2	480	0.385	0.989	0.874	0.202	0.957	0.906	0.307	0.262	0.246
cel-mir-228	660	0.032	1.000	0.928	0.038	0.976	0.935	0.125	0.262	0.240
cel-mir-229	380	0.689	0.967	0.945	0.534	0.949	0.947	0.442	0.226	0.224
cel-mir-230	570	0.847	0.994	0.987	0.768	0.962	0.967	0.454	0.276	0.273
cel-mir-231	850	0.053	1.000	0.929	0.202	0.967	0.932	0.494	0.263	0.261
cel-mir-232	670	0.573	0.994	0.938	0.395	0.962	0.945	0.463	0.248	0.249
cel-mir-233	490	0.012	1.000	0.938	0.019	0.978	0.938	0.158	0.279	0.257
cel-mir-234	498	0.139	1.000	0.915	0.016	0.981	0.925	0.138	0.399	0.354
cel-mir-235	400	0.025	0.999	0.674	0.020	0.965	0.848	0.156	0.282	0.237
cel-mir-236	490	0.469	0.973	0.879	0.186	0.958	0.919	0.314	0.252	0.237
cel-mir-237	490	0.016	1.000	0.862	0.032	0.975	0.896	0.600	0.310	0.314
cel-mir-238	850	0.000	1.000	0.971	0.192	0.975	0.958	0.672	0.269	0.276
cel-mir-239a	490	0.018	1.000	0.909	0.020	0.980	0.921	0.841	0.276	0.318
cel-mir-239b	670	0.151	1.000	0.977	0.034	0.981	0.957	0.207	0.310	0.296
cel-mir-240	680	0.053	1.000	0.865	0.045	0.971	0.891	0.095	0.330	0.285
cel-mir-241	500	0.078	1.000	0.893	0.054	0.974	0.917	0.176	0.264	0.241
cel-mir-242	400	0.120	1.000	0.840	0.273	0.962	0.901	0.256	0.326	0.307
cel-mir-243	490	0.000	1.000	0.994	0.386	0.974	0.971	0.442	0.293	0.290
cel-mir-244	660	0.000	1.000	0.910	0.010	0.981	0.926	0.284	0.306	0.290
cel-mir-245	400	0.035	1.000	0.843	0.031	0.974	0.913	0.498	0.313	0.309
cel-mir-246	400	0.000	1.000	0.698	0.002	0.976	0.866	0.133	0.320	0.269
cel-mir-247	570	0.326	1.000	0.944	0.425	0.967	0.947	0.821	0.276	0.298
cel-mir-248	670	0.090	0.998	0.808	0.041	0.965	0.863	0.004	0.320	0.252
cel-mir-249	400	0.185	0.999	0.905	0.222	0.961	0.925	0.159	0.278	0.257
cel-mir-250	840	0.040	1.000	0.800	0.060	0.967	0.857	0.120	0.313	0.265
cel-mir-251	570	0.065	1.000	0.962	0.083	0.976	0.946	0.796	0.227	0.248

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
cel-mir-252	570	0.030	1.000	0.856	0.008	0.978	0.904	0.156	0.299	0.267
cel-mir-253	510	0.020	1.000	0.908	0.008	0.977	0.920	0.639	0.231	0.238
cel-mir-254	790	0.118	1.000	0.961	0.139	0.979	0.956	0.029	0.330	0.294
cel-mir-255	410	0.807	0.956	0.962	0.480	0.961	0.952	0.034	0.282	0.247
cel-mir-256	650	0.425	0.868	0.714	0.495	0.882	0.866	0.461	0.333	0.323
cel-mir-257	460	0.011	1.000	0.665	0.017	0.967	0.861	0.126	0.327	0.283
cel-mir-258	400	0.698	0.915	0.886	0.922	0.789	0.905	0.908	0.233	0.288
cel-mir-259	470	0.160	1.000	0.929	0.191	0.970	0.940	0.149	0.314	0.285
cel-mir-260	540	0.178	0.933	0.681	0.464	0.867	0.854	0.119	0.333	0.265
cel-mir-261	430	0.791	0.324	0.565	0.784	0.771	0.817	0.556	0.199	0.217
cel-mir-262	490	1.000	0.570	0.596	0.000	0.827	0.746	0.000	0.287	0.000
cel-mir-264	512	0.652	0.747	0.749	0.472	0.884	0.853	0.318	0.254	0.231
cel-mir-265	438	0.048	1.000	0.781	0.093	0.946	0.848	0.595	0.205	0.214
cel-mir-266	408	0.000	1.000	0.997	0.478	0.980	0.978	0.336	0.227	0.224
cel-mir-267	412	0.342	1.000	0.966	0.236	0.972	0.952	0.059	0.315	0.288
cel-mir-268	502	0.731	0.986	0.954	0.617	0.951	0.940	0.564	0.239	0.242
cel-mir-269	412	0.138	1.000	0.864	0.491	0.947	0.934	0.711	0.230	0.245
cel-mir-270	402	0.032	1.000	0.801	0.082	0.953	0.864	0.644	0.228	0.238
cel-mir-271	402	0.134	1.000	0.884	0.112	0.972	0.917	0.057	0.393	0.335
cel-mir-272	410	0.966	0.402	0.847	0.985	0.637	0.843	0.917	0.172	0.234
cel-mir-273	412	0.250	1.000	0.974	0.068	0.978	0.960	0.516	0.270	0.271
cel-mir-34	690	0.000	1.000	0.747	0.007	0.971	0.846	0.018	0.326	0.253
cel-mir-35	410	0.568	0.999	0.978	0.625	0.967	0.967	0.673	0.251	0.259
cel-mir-353	410	0.051	0.999	0.812	0.046	0.974	0.923	0.005	0.345	0.266
cel-mir-354	410	0.254	0.991	0.911	0.129	0.958	0.910	0.015	0.315	0.221
cel-mir-355	450	0.629	0.990	0.963	0.316	0.972	0.950	0.336	0.324	0.311
cel-mir-356	410	0.134	0.983	0.787	0.027	0.964	0.869	0.112	0.309	0.254
cel-mir-357	510	0.006	1.000	0.913	0.000	0.989	0.918	0.010	0.339	0.280
cel-mir-358	490	0.008	1.000	0.851	0.000	0.978	0.874	0.006	0.379	0.281
cel-mir-359	400	0.043	1.000	0.959	0.013	0.981	0.945	0.062	0.303	0.274
cel-mir-36	410	0.000	1.000	0.968	0.031	0.979	0.953	0.127	0.261	0.244
cel-mir-360	410	0.312	1.000	0.983	0.239	0.980	0.970	0.098	0.303	0.281
cel-mir-37	480	0.002	1.000	0.808	0.011	0.975	0.885	0.268	0.296	0.273
cel-mir-38	480	0.248	1.000	0.969	0.397	0.969	0.961	0.169	0.272	0.252
cel-mir-39	542	0.483	1.000	0.983	0.345	0.973	0.963	0.727	0.226	0.235
cel-mir-392	490	0.200	1.000	0.940	0.143	0.978	0.940	0.018	0.406	0.336
cel-mir-40	412	0.294	1.000	0.982	0.039	0.978	0.958	0.185	0.264	0.252
cel-mir-41	410	0.637	0.974	0.939	0.641	0.943	0.939	0.270	0.299	0.280
cel-mir-42	412	0.022	1.000	0.923	0.181	0.968	0.946	0.463	0.319	0.316

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
cel-mir-43	481	0.000	1.000	0.938	0.019	0.975	0.931	0.042	0.286	0.247
cel-mir-44	578	0.073	1.000	0.946	0.217	0.963	0.939	0.683	0.229	0.241
cel-mir-45	578	0.000	1.000	0.949	0.056	0.979	0.947	0.492	0.319	0.320
cel-mir-46	410	0.683	0.947	0.896	0.383	0.953	0.917	0.912	0.254	0.303
cel-mir-47	410	0.027	1.000	0.907	0.027	0.975	0.927	0.289	0.313	0.296
cel-mir-48	850	0.040	1.000	0.866	0.073	0.969	0.889	0.303	0.330	0.306
cel-mir-49	410	0.068	1.000	0.918	0.017	0.978	0.920	0.370	0.323	0.313
cel-mir-50	480	0.590	1.000	0.992	0.565	0.973	0.971	0.806	0.276	0.288
cel-mir-51	210	0.052	0.999	0.859	0.014	0.967	0.862	0.000	0.330	0.239
cel-mir-52	660	0.005	0.999	0.594	0.044	0.941	0.808	0.058	0.283	0.214
cel-mir-53	460	0.391	0.952	0.745	0.128	0.951	0.862	0.093	0.279	0.243
cel-mir-54	660	0.012	1.000	0.774	0.032	0.971	0.890	0.088	0.263	0.221
cel-mir-55	670	0.352	0.995	0.928	0.119	0.966	0.923	0.239	0.282	0.261
cel-mir-56	410	0.071	0.999	0.809	0.000	0.974	0.862	0.170	0.275	0.241
cel-mir-57	480	0.081	0.999	0.842	0.042	0.973	0.888	0.001	0.364	0.291
cel-mir-58	690	0.129	1.000	0.895	0.161	0.965	0.917	0.346	0.299	0.284
cel-mir-59	600	0.550	0.995	0.954	0.550	0.951	0.941	0.809	0.230	0.259
cel-mir-60	510	0.325	1.000	0.988	0.394	0.971	0.963	0.675	0.282	0.298
cel-mir-61	410	0.134	1.000	0.913	0.123	0.972	0.947	0.103	0.296	0.270
cel-mir-62	326	0.187	1.000	0.981	0.504	0.962	0.944	0.422	0.375	0.369
cel-mir-63	360	0.139	0.999	0.912	0.091	0.970	0.941	0.088	0.311	0.282
cel-mir-64	490	0.394	0.992	0.916	0.137	0.967	0.899	0.382	0.291	0.277
cel-mir-65	560	0.009	1.000	0.893	0.017	0.978	0.911	0.222	0.293	0.271
cel-mir-66	660	0.659	0.997	0.964	0.332	0.971	0.950	0.684	0.306	0.322
cel-mir-67	480	0.000	1.000	0.862	0.014	0.983	0.909	0.091	0.418	0.361
cel-mir-70	560	0.164	1.000	0.977	0.048	0.983	0.964	0.030	0.337	0.310
cel-mir-71	412	0.405	0.999	0.969	0.402	0.963	0.949	0.049	0.305	0.278
cel-mir-72	570	0.007	1.000	0.801	0.035	0.974	0.881	0.378	0.296	0.276
cel-mir-73	570	0.025	1.000	0.883	0.037	0.971	0.908	0.111	0.316	0.271
cel-mir-74	400	0.000	1.000	0.945	0.239	0.974	0.947	0.144	0.316	0.298
cel-mir-75	400	0.215	1.000	0.935	0.116	0.975	0.941	0.022	0.344	0.310
cel-mir-76	490	0.729	0.998	0.984	0.740	0.959	0.962	0.800	0.220	0.233
cel-mir-77	480	0.485	0.997	0.951	0.247	0.967	0.949	0.353	0.290	0.281
cel-mir-78	500	0.424	0.843	0.727	0.672	0.818	0.847	0.626	0.243	0.261
cel-mir-79	850	0.018	1.000	0.914	0.010	0.977	0.917	0.040	0.289	0.246
cel-mir-80	570	0.289	0.995	0.883	0.098	0.963	0.898	0.032	0.306	0.255
cel-mir-81	430	0.019	1.000	0.932	0.065	0.975	0.943	0.227	0.296	0.276
cel-mir-82	400	0.058	1.000	0.933	0.005	0.981	0.938	0.136	0.323	0.299
cel-mir-83	850	0.244	0.984	0.887	0.245	0.941	0.902	0.323	0.187	0.178

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
cel-mir-84	496	0.558	0.999	0.959	0.115	0.974	0.931	0.234	0.307	0.288
cel-mir-85	520	0.000	1.000	0.961	0.044	0.981	0.960	0.442	0.274	0.272
cel-mir-86	490	0.002	1.000	0.860	0.001	0.980	0.922	0.275	0.255	0.240
cel-mir-87	692	0.100	1.000	0.894	0.105	0.963	0.909	0.502	0.213	0.210
cel-mir-90	490	0.220	1.000	0.962	0.114	0.974	0.946	0.133	0.255	0.236
cfa-mir-365-1	876	0.727	0.994	0.971	0.544	0.948	0.940	0.270	0.295	0.279
cfa-mir-365-2	430	0.749	0.899	0.915	0.500	0.950	0.931	0.535	0.279	0.281
cfa-mir-429	436	0.420	1.000	0.985	0.508	0.959	0.944	0.106	0.247	0.225
cfa-mir-448	510	0.516	0.996	0.968	0.510	0.963	0.955	0.284	0.315	0.301
cfa-mir-449	422	0.678	0.999	0.980	0.471	0.968	0.958	0.833	0.260	0.281
cfa-mir-450	412	0.226	1.000	0.989	0.124	0.982	0.969	0.207	0.344	0.329
dme-bantam	456	0.134	1.000	0.982	0.186	0.967	0.941	0.919	0.239	0.272
dme-let-7	466	0.000	1.000	0.978	0.122	0.978	0.953	0.263	0.299	0.282
dme-mir-1	422	0.133	1.000	0.981	0.019	0.978	0.951	0.050	0.300	0.268
dme-mir-10	486	0.000	1.000	0.969	0.269	0.968	0.940	0.772	0.255	0.277
dme-mir-100	660	0.295	0.995	0.873	0.346	0.944	0.893	0.371	0.357	0.336
dme-mir-11	486	0.000	1.000	0.959	0.051	0.971	0.930	0.160	0.289	0.258
dme-mir-12	776	0.000	1.000	0.987	0.169	0.973	0.944	0.272	0.275	0.258
dme-mir-124	480	0.373	0.995	0.902	0.361	0.953	0.909	0.757	0.307	0.339
dme-mir-125	410	0.029	1.000	0.858	0.012	0.978	0.889	0.268	0.242	0.223
dme-mir-133	840	0.445	0.996	0.951	0.231	0.965	0.937	0.471	0.316	0.313
dme-mir-13a	486	0.000	1.000	0.979	0.096	0.970	0.938	0.097	0.267	0.235
dme-mir-13b-1	530	0.343	1.000	0.989	0.188	0.961	0.932	0.622	0.250	0.263
dme-mir-13b-2	436	0.000	1.000	0.980	0.402	0.958	0.943	0.794	0.295	0.316
dme-mir-14	492	0.000	1.000	0.970	0.040	0.976	0.938	0.171	0.307	0.289
dme-mir-184	560	0.175	0.990	0.822	0.122	0.955	0.880	0.621	0.263	0.277
dme-mir-210	430	0.526	0.988	0.928	0.233	0.962	0.920	0.172	0.330	0.296
dme-mir-219	480	0.300	0.999	0.915	0.236	0.968	0.934	0.767	0.263	0.283
dme-mir-263a	412	0.007	1.000	0.774	0.039	0.968	0.868	0.171	0.337	0.293
dme-mir-263b	418	0.000	1.000	0.946	0.029	0.977	0.943	0.204	0.278	0.263
dme-mir-274	560	0.123	1.000	0.986	0.107	0.980	0.963	0.504	0.257	0.257
dme-mir-275	490	0.031	1.000	0.874	0.009	0.982	0.923	0.014	0.378	0.308
dme-mir-276a	570	0.109	1.000	0.888	0.105	0.976	0.919	0.182	0.395	0.361
dme-mir-276b	570	0.000	1.000	0.919	0.020	0.980	0.930	0.027	0.323	0.278
dme-mir-277	840	0.143	1.000	0.936	0.037	0.979	0.925	0.295	0.253	0.242
dme-mir-278	670	0.416	0.999	0.947	0.286	0.967	0.937	0.738	0.299	0.314
dme-mir-279	610	0.613	0.992	0.956	0.248	0.967	0.948	0.355	0.320	0.309
dme-mir-280	412	0.922	0.834	0.954	0.902	0.928	0.956	0.989	0.249	0.309
dme-mir-281-1	432	0.035	1.000	0.938	0.006	0.978	0.935	0.361	0.293	0.277

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dme-mir-281-2	412	0.017	1.000	0.870	0.055	0.965	0.892	0.593	0.239	0.245
dme-mir-282	400	0.000	1.000	0.957	0.081	0.975	0.945	0.425	0.275	0.272
dme-mir-283	560	0.157	1.000	0.979	0.223	0.978	0.959	0.232	0.370	0.343
dme-mir-284	490	0.745	0.989	0.983	0.424	0.953	0.948	0.367	0.280	0.267
dme-mir-285	570	0.028	1.000	0.897	0.027	0.976	0.911	0.076	0.327	0.277
dme-mir-286	700	0.421	0.973	0.939	0.276	0.940	0.921	0.477	0.253	0.192
dme-mir-287	300	0.590	0.773	0.750	0.927	0.693	0.825	0.817	0.179	0.219
dme-mir-288	400	0.912	0.324	0.780	0.916	0.780	0.879	0.750	0.237	0.269
dme-mir-289	490	0.851	0.808	0.903	0.581	0.935	0.919	0.697	0.266	0.278
dme-mir-2a-1	406	0.000	1.000	0.987	0.016	0.973	0.945	0.204	0.250	0.229
dme-mir-2a-2	652	0.537	1.000	0.992	0.415	0.961	0.951	0.712	0.231	0.244
dme-mir-2b-1	486	0.140	1.000	0.969	0.284	0.956	0.925	0.638	0.255	0.262
dme-mir-2b-2	396	0.000	1.000	0.977	0.076	0.976	0.955	0.086	0.273	0.237
dme-mir-2c	510	0.159	0.998	0.930	0.253	0.949	0.914	0.357	0.242	0.230
dme-mir-3	810	0.000	1.000	0.979	0.097	0.977	0.942	0.539	0.280	0.282
dme-mir-303	436	0.509	1.000	0.996	0.839	0.956	0.966	0.373	0.281	0.276
dme-mir-304	432	0.079	1.000	0.931	0.175	0.963	0.922	0.526	0.239	0.239
dme-mir-305	426	0.347	0.999	0.952	0.087	0.957	0.895	0.372	0.233	0.224
dme-mir-306	732	0.587	1.000	0.983	0.474	0.962	0.948	0.860	0.216	0.240
dme-mir-307	432	0.229	1.000	0.935	0.381	0.962	0.945	0.750	0.246	0.260
dme-mir-308	492	0.421	1.000	0.987	0.355	0.960	0.943	0.078	0.254	0.225
dme-mir-309	630	0.500	0.999	0.970	0.388	0.944	0.912	0.235	0.271	0.250
dme-mir-310	428	0.185	1.000	0.975	0.132	0.975	0.951	0.204	0.273	0.261
dme-mir-311	456	0.629	0.903	0.849	0.316	0.930	0.872	0.659	0.226	0.236
dme-mir-312	608	0.273	1.000	0.966	0.215	0.955	0.899	0.618	0.258	0.265
dme-mir-313	426	0.061	1.000	0.904	0.155	0.946	0.875	0.766	0.207	0.233
dme-mir-314	418	0.031	0.998	0.666	0.053	0.947	0.861	0.040	0.281	0.217
dme-mir-315	726	0.000	1.000	0.993	0.066	0.977	0.955	0.491	0.266	0.267
dme-mir-316	428	0.393	0.999	0.966	0.096	0.971	0.941	0.151	0.262	0.240
dme-mir-317	412	0.133	1.000	0.867	0.099	0.963	0.902	0.026	0.279	0.231
dme-mir-318	810	0.000	1.000	0.985	0.203	0.976	0.957	0.135	0.319	0.289
dme-mir-31a	410	0.463	1.000	1.000	0.000	0.963	0.942	0.000	0.214	0.000
dme-mir-31b	490	0.739	0.807	0.850	0.467	0.934	0.915	0.502	0.257	0.256
dme-mir-33	840	0.092	1.000	0.907	0.073	0.976	0.914	0.057	0.333	0.297
dme-mir-34	480	0.085	1.000	0.895	0.047	0.971	0.904	0.485	0.256	0.253
dme-mir-4	486	0.000	1.000	0.798	0.022	0.968	0.847	0.312	0.259	0.236
dme-mir-5	630	0.000	1.000	0.995	0.584	0.965	0.962	0.906	0.309	0.356
dme-mir-6-1	476	0.244	1.000	0.974	0.246	0.969	0.940	0.198	0.362	0.332
dme-mir-6-2	496	0.250	1.000	0.936	0.244	0.958	0.921	0.845	0.189	0.220

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dme-mir-6-3	486	0.652	0.999	0.977	0.574	0.962	0.957	0.129	0.279	0.259
dme-mir-7	432	0.389	1.000	0.955	0.622	0.952	0.947	0.865	0.201	0.226
dme-mir-79	850	0.081	1.000	0.934	0.175	0.968	0.922	0.145	0.285	0.258
dme-mir-8	442	0.054	1.000	0.925	0.004	0.976	0.921	0.164	0.261	0.237
dme-mir-87	850	0.007	1.000	0.913	0.027	0.979	0.930	0.157	0.313	0.283
dme-mir-92a	512	0.027	1.000	0.919	0.006	0.979	0.919	0.098	0.305	0.272
dme-mir-92b	560	0.080	0.999	0.801	0.036	0.966	0.864	0.301	0.270	0.247
dme-mir-9a	692	0.202	1.000	0.965	0.052	0.974	0.938	0.013	0.303	0.264
dme-mir-9b	422	0.216	1.000	0.935	0.004	0.981	0.934	0.394	0.293	0.286
dme-mir-9c	512	0.000	1.000	0.878	0.065	0.973	0.911	0.438	0.275	0.270
dme-mir-iab-4	478	0.416	1.000	0.991	0.531	0.951	0.941	0.542	0.255	0.258
dps-bantam	466	0.000	1.000	0.979	0.216	0.967	0.941	0.932	0.239	0.272
dps-let-7	406	0.490	1.000	0.980	0.631	0.959	0.950	0.843	0.251	0.280
dps-mir-1	432	0.000	1.000	0.975	0.034	0.975	0.945	0.129	0.284	0.258
dps-mir-10	406	0.118	1.000	0.981	0.204	0.969	0.939	0.750	0.260	0.277
dps-mir-100	560	0.316	0.997	0.892	0.270	0.960	0.906	0.299	0.357	0.332
dps-mir-11	426	0.092	1.000	0.967	0.099	0.963	0.908	0.351	0.268	0.254
dps-mir-12	496	0.000	1.000	0.984	0.160	0.972	0.945	0.506	0.261	0.262
dps-mir-124	460	0.833	0.654	0.842	0.540	0.919	0.899	0.842	0.279	0.315
dps-mir-125	410	0.029	1.000	0.858	0.012	0.978	0.889	0.268	0.242	0.223
dps-mir-133	498	0.082	1.000	0.950	0.064	0.972	0.938	0.103	0.337	0.301
dps-mir-13a	776	0.000	1.000	0.977	0.138	0.972	0.933	0.515	0.275	0.275
dps-mir-13b-1	450	0.000	1.000	0.987	0.034	0.970	0.929	0.456	0.266	0.263
dps-mir-13b-2	630	0.000	1.000	0.984	0.005	0.977	0.929	0.068	0.329	0.290
dps-mir-14	572	0.136	1.000	0.972	0.439	0.951	0.925	0.798	0.217	0.239
dps-mir-184	560	0.066	0.998	0.847	0.031	0.967	0.883	0.397	0.293	0.279
dps-mir-210	508	0.215	0.999	0.906	0.144	0.969	0.916	0.288	0.362	0.339
dps-mir-219	480	0.285	0.999	0.924	0.295	0.969	0.937	0.724	0.277	0.291
dps-mir-263a	412	0.034	1.000	0.780	0.050	0.965	0.872	0.306	0.315	0.290
dps-mir-263b	412	0.010	1.000	0.874	0.023	0.973	0.899	0.480	0.260	0.255
dps-mir-274	400	0.285	1.000	0.921	0.117	0.976	0.942	0.816	0.265	0.288
dps-mir-275	698	0.198	1.000	0.916	0.092	0.973	0.938	0.163	0.319	0.285
dps-mir-276a	570	0.196	1.000	0.897	0.087	0.978	0.922	0.204	0.391	0.358
dps-mir-276b	670	0.009	1.000	0.905	0.013	0.972	0.914	0.323	0.253	0.240
dps-mir-277	480	0.008	1.000	0.895	0.017	0.978	0.915	0.733	0.237	0.254
dps-mir-278	570	0.328	1.000	0.949	0.169	0.971	0.937	0.636	0.306	0.313
dps-mir-279	412	0.362	0.999	0.938	0.221	0.965	0.945	0.305	0.291	0.277
dps-mir-280	408	0.108	1.000	0.961	0.236	0.971	0.956	0.536	0.305	0.305
dps-mir-281-1	438	0.000	1.000	0.940	0.000	0.981	0.935	0.303	0.292	0.275

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dps-mir-281-2	422	0.007	1.000	0.921	0.132	0.966	0.930	0.682	0.242	0.254
dps-mir-282	412	0.000	1.000	0.944	0.017	0.979	0.941	0.425	0.312	0.308
dps-mir-283	570	0.161	1.000	0.980	0.179	0.975	0.959	0.180	0.292	0.274
dps-mir-284	700	0.920	0.798	0.947	0.827	0.927	0.948	0.793	0.257	0.292
dps-mir-285	580	0.257	0.999	0.908	0.208	0.966	0.920	0.447	0.290	0.285
dps-mir-286	410	0.620	0.999	0.980	0.619	0.960	0.953	0.906	0.237	0.276
dps-mir-287	486	0.802	0.938	0.945	0.987	0.728	0.902	0.992	0.208	0.335
dps-mir-288	680	0.096	1.000	0.897	0.050	0.969	0.903	0.288	0.281	0.263
dps-mir-289	560	0.966	0.276	0.871	0.407	0.927	0.897	0.504	0.247	0.246
dps-mir-2a-1	496	0.000	1.000	0.984	0.086	0.977	0.956	0.166	0.293	0.265
dps-mir-2a-2	652	0.537	1.000	0.992	0.415	0.961	0.951	0.712	0.231	0.244
dps-mir-2b-1	506	0.204	1.000	0.965	0.191	0.964	0.941	0.628	0.212	0.223
dps-mir-2b-2	466	0.000	1.000	0.982	0.089	0.976	0.956	0.117	0.269	0.238
dps-mir-2c	460	0.457	0.958	0.850	0.551	0.922	0.904	0.477	0.252	0.248
dps-mir-3	606	0.797	1.000	0.997	0.514	0.964	0.959	0.549	0.274	0.280
dps-mir-304	438	0.153	1.000	0.916	0.099	0.962	0.904	0.079	0.254	0.221
dps-mir-305	786	0.431	0.999	0.964	0.169	0.954	0.896	0.479	0.224	0.220
dps-mir-306	492	0.067	1.000	0.954	0.070	0.971	0.923	0.441	0.246	0.241
dps-mir-307	438	0.258	1.000	0.921	0.435	0.960	0.943	0.832	0.223	0.245
dps-mir-308	838	0.733	1.000	0.994	0.843	0.931	0.949	0.846	0.247	0.273
dps-mir-309	558	0.000	1.000	0.989	0.309	0.970	0.954	0.803	0.265	0.284
dps-mir-314	428	0.112	0.989	0.695	0.076	0.940	0.851	0.047	0.277	0.215
dps-mir-315	456	0.000	1.000	0.980	0.072	0.979	0.949	0.348	0.313	0.300
dps-mir-316	428	0.320	0.999	0.957	0.049	0.973	0.941	0.109	0.266	0.239
dps-mir-317	427	0.274	0.998	0.877	0.306	0.949	0.907	0.510	0.274	0.273
dps-mir-318	450	0.000	1.000	0.975	0.162	0.971	0.942	0.076	0.284	0.254
dps-mir-31a	340	0.382	1.000	0.995	0.238	0.969	0.954	0.106	0.268	0.226
dps-mir-31b	428	0.061	1.000	0.811	0.057	0.968	0.879	0.076	0.423	0.356
dps-mir-33	692	0.240	1.000	0.984	0.299	0.971	0.953	0.180	0.300	0.281
dps-mir-34	570	0.091	1.000	0.905	0.054	0.972	0.904	0.354	0.270	0.257
dps-mir-4	466	0.000	1.000	0.802	0.021	0.968	0.848	0.271	0.263	0.235
dps-mir-5	326	0.000	1.000	0.994	0.644	0.957	0.957	0.889	0.231	0.258
dps-mir-6-1	476	0.326	1.000	0.983	0.357	0.969	0.949	0.395	0.342	0.332
dps-mir-6-2	466	0.009	1.000	0.908	0.069	0.968	0.905	0.661	0.249	0.267
dps-mir-6-3	466	0.448	1.000	0.975	0.301	0.967	0.949	0.255	0.258	0.242
dps-mir-7	432	0.896	0.953	0.976	0.803	0.940	0.951	0.869	0.239	0.259
dps-mir-79	546	0.132	1.000	0.959	0.058	0.978	0.924	0.387	0.345	0.334
dps-mir-8	718	0.089	1.000	0.950	0.037	0.974	0.924	0.504	0.238	0.237
dps-mir-87	480	0.133	0.998	0.837	0.033	0.965	0.875	0.168	0.303	0.265

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dps-mir-92a	412	0.197	1.000	0.952	0.178	0.971	0.942	0.046	0.362	0.318
dps-mir-92b	560	0.023	1.000	0.827	0.019	0.973	0.878	0.056	0.313	0.265
dps-mir-9a	692	0.202	1.000	0.965	0.052	0.974	0.938	0.013	0.303	0.264
dps-mir-9b	422	0.000	1.000	0.930	0.001	0.983	0.928	0.259	0.315	0.295
dps-mir-9c	412	0.015	1.000	0.842	0.022	0.973	0.902	0.175	0.290	0.261
dps-mir-iab-4	450	0.487	1.000	0.991	0.661	0.948	0.944	0.856	0.221	0.247
dre-let-7a-1	428	0.023	1.000	0.962	0.034	0.969	0.934	0.443	0.240	0.238
dre-let-7a-2	446	0.058	1.000	0.955	0.131	0.967	0.922	0.612	0.290	0.303
dre-let-7a-3	620	0.773	0.974	0.968	0.787	0.948	0.955	0.869	0.231	0.264
dre-let-7a-4	692	0.136	1.000	0.969	0.326	0.965	0.938	0.656	0.215	0.229
dre-let-7a-5	490	0.545	0.977	0.934	0.331	0.965	0.951	0.735	0.231	0.247
dre-let-7a-6	700	0.686	0.954	0.946	0.397	0.966	0.959	0.770	0.220	0.236
dre-let-7b	508	0.150	1.000	0.988	0.284	0.961	0.952	0.761	0.241	0.264
dre-let-7c-1	510	0.198	1.000	0.940	0.190	0.973	0.951	0.158	0.255	0.240
dre-let-7c-2	482	0.515	1.000	0.987	0.432	0.965	0.956	0.563	0.232	0.236
dre-let-7d-1	480	0.317	1.000	0.928	0.258	0.968	0.929	0.146	0.292	0.258
dre-let-7d-2	432	0.000	1.000	0.970	0.055	0.976	0.944	0.305	0.265	0.251
dre-let-7e	480	0.481	0.998	0.973	0.445	0.957	0.944	0.361	0.273	0.262
dre-let-7f	400	0.532	0.977	0.931	0.077	0.975	0.956	0.030	0.299	0.258
dre-let-7g-1	858	0.800	0.981	0.970	0.657	0.949	0.943	0.921	0.226	0.264
dre-let-7g-2	410	0.156	1.000	0.984	0.291	0.967	0.952	0.517	0.258	0.260
dre-let-7h	400	0.973	0.864	0.985	0.765	0.961	0.966	0.220	0.269	0.250
dre-let-7i	412	0.786	0.978	0.964	0.895	0.934	0.956	1.000	0.161	0.264
dre-let-7j	436	0.360	1.000	0.993	0.501	0.945	0.940	0.364	0.233	0.224
dre-mir-1-1	460	0.000	1.000	0.935	0.010	0.979	0.949	0.048	0.296	0.252
dre-mir-1-2	438	0.160	1.000	0.990	0.036	0.977	0.959	0.440	0.261	0.256
dre-mir-100-1	578	0.045	0.999	0.778	0.059	0.961	0.858	0.410	0.236	0.225
dre-mir-100-2	596	0.000	1.000	0.862	0.029	0.972	0.858	0.503	0.280	0.275
dre-mir-101a	436	0.560	1.000	0.996	0.568	0.962	0.959	0.418	0.255	0.251
dre-mir-101b	410	0.841	0.980	0.986	0.380	0.967	0.962	0.102	0.217	0.200
dre-mir-103	432	0.234	1.000	0.942	0.392	0.954	0.927	0.614	0.254	0.261
dre-mir-107	432	0.049	1.000	0.930	0.093	0.966	0.916	0.168	0.262	0.244
dre-mir-10a	560	0.184	1.000	0.971	0.399	0.975	0.958	0.831	0.320	0.348
dre-mir-10b-1	576	0.955	0.979	0.994	0.930	0.927	0.961	0.409	0.308	0.302
dre-mir-10b-2	692	0.438	0.999	0.951	0.475	0.960	0.939	0.028	0.370	0.312
dre-mir-10c	402	0.692	0.996	0.971	0.533	0.964	0.949	0.250	0.291	0.272
dre-mir-10d-1	510	0.614	0.999	0.989	0.741	0.970	0.974	0.445	0.274	0.271
dre-mir-10d-2	510	0.614	0.999	0.989	0.741	0.970	0.974	0.445	0.274	0.271
dre-mir-122	406	0.000	1.000	0.982	0.411	0.968	0.951	0.956	0.232	0.275

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-124-1	476	0.000	1.000	0.972	0.162	0.976	0.944	0.321	0.309	0.295
dre-mir-124-2	456	0.575	1.000	0.984	0.704	0.953	0.956	0.767	0.269	0.291
dre-mir-124-3	500	0.878	0.758	0.918	0.608	0.947	0.938	0.170	0.251	0.231
dre-mir-124-4	476	0.000	1.000	0.980	0.217	0.975	0.959	0.301	0.285	0.273
dre-mir-124-5	450	0.893	0.716	0.884	0.176	0.959	0.921	0.351	0.243	0.233
dre-mir-124-6	400	0.367	0.986	0.926	0.092	0.962	0.912	0.310	0.242	0.217
dre-mir-125a-1	456	0.237	1.000	0.983	0.291	0.967	0.949	0.618	0.237	0.244
dre-mir-125a-2	440	0.389	0.997	0.906	0.230	0.968	0.923	0.278	0.280	0.266
dre-mir-125b-1	370	0.305	0.982	0.901	0.630	0.958	0.956	0.108	0.237	0.219
dre-mir-125b-2	442	0.885	0.971	0.979	0.830	0.931	0.945	0.984	0.198	0.235
dre-mir-125b-3	400	0.830	0.619	0.793	0.133	0.947	0.906	0.113	0.249	0.215
dre-mir-125c	452	0.000	1.000	0.811	0.009	0.977	0.896	0.471	0.239	0.236
dre-mir-126	650	0.071	1.000	0.965	0.016	0.976	0.947	0.035	0.271	0.233
dre-mir-128-1	490	0.539	0.994	0.939	0.594	0.950	0.940	0.475	0.248	0.247
dre-mir-128-2	410	0.200	1.000	0.968	0.154	0.977	0.963	0.217	0.249	0.234
dre-mir-129-1	422	0.287	1.000	0.916	0.351	0.962	0.938	0.527	0.233	0.235
dre-mir-129-2	462	0.175	1.000	0.968	0.352	0.970	0.954	0.244	0.280	0.267
dre-mir-130a-1	512	0.934	0.992	0.991	0.850	0.954	0.962	0.575	0.243	0.247
dre-mir-130a-2	512	0.934	0.992	0.991	0.850	0.954	0.962	0.575	0.243	0.247
dre-mir-130b	466	0.534	0.994	0.940	0.568	0.918	0.899	0.310	0.258	0.245
dre-mir-130c-1	400	0.070	1.000	0.886	0.077	0.981	0.946	0.855	0.229	0.255
dre-mir-130c-2	476	0.666	0.995	0.960	0.564	0.943	0.932	0.896	0.247	0.280
dre-mir-132-1	460	0.713	1.000	0.999	0.902	0.962	0.971	0.625	0.243	0.248
dre-mir-132-2	700	0.756	0.915	0.935	0.651	0.954	0.958	0.466	0.269	0.265
dre-mir-133a-1	490	0.078	1.000	0.863	0.055	0.967	0.887	0.186	0.300	0.264
dre-mir-133a-2	446	0.117	1.000	0.956	0.124	0.975	0.928	0.506	0.286	0.284
dre-mir-133b	446	0.209	0.999	0.868	0.187	0.951	0.891	0.598	0.222	0.230
dre-mir-133c	412	0.374	0.982	0.830	0.266	0.947	0.894	0.115	0.311	0.272
dre-mir-135a	830	0.258	1.000	0.943	0.207	0.969	0.938	0.676	0.282	0.294
dre-mir-135b	456	0.958	0.957	0.990	0.873	0.947	0.961	0.966	0.199	0.236
dre-mir-135c-1	572	0.000	1.000	0.955	0.121	0.974	0.936	0.689	0.300	0.316
dre-mir-135c-2	572	0.000	1.000	0.955	0.121	0.974	0.936	0.689	0.300	0.316
dre-mir-135c-3	400	0.245	0.997	0.930	0.062	0.980	0.956	0.240	0.299	0.276
dre-mir-137-1	426	0.357	1.000	0.993	0.570	0.964	0.960	0.766	0.216	0.230
dre-mir-137-2	700	0.329	0.997	0.964	0.291	0.972	0.962	0.087	0.240	0.215
dre-mir-138	438	0.137	1.000	0.937	0.072	0.963	0.920	0.170	0.257	0.232
dre-mir-139	450	0.531	1.000	0.993	0.244	0.967	0.949	0.037	0.304	0.280
dre-mir-140	460	0.078	1.000	0.975	0.132	0.975	0.959	0.753	0.203	0.218
dre-mir-141	466	0.000	1.000	0.971	0.213	0.966	0.935	0.806	0.197	0.219

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-142a	412	0.000	1.000	0.993	0.052	0.985	0.976	0.292	0.319	0.303
dre-mir-142b	538	0.225	1.000	0.987	0.165	0.979	0.959	0.240	0.322	0.298
dre-mir-143-1	780	0.037	1.000	0.869	0.085	0.966	0.912	0.251	0.229	0.215
dre-mir-143-2	780	0.037	1.000	0.869	0.085	0.966	0.912	0.251	0.229	0.215
dre-mir-144	432	0.637	0.998	0.976	0.230	0.973	0.952	0.713	0.303	0.314
dre-mir-145	700	0.871	0.975	0.983	0.790	0.957	0.961	0.621	0.224	0.231
dre-mir-146a	340	0.365	0.998	0.952	0.232	0.973	0.947	0.415	0.284	0.277
dre-mir-146b-1	572	0.178	1.000	0.984	0.341	0.960	0.939	0.469	0.271	0.270
dre-mir-146b-2	572	0.178	1.000	0.984	0.341	0.960	0.939	0.469	0.271	0.270
dre-mir-148	496	0.802	0.998	0.995	0.621	0.949	0.946	0.890	0.219	0.249
dre-mir-150	756	0.694	1.000	0.997	0.642	0.969	0.969	0.205	0.308	0.290
dre-mir-152	476	0.090	1.000	0.942	0.066	0.968	0.902	0.177	0.338	0.304
dre-mir-153a	556	0.000	1.000	0.996	0.160	0.979	0.967	0.249	0.255	0.246
dre-mir-153b	700	0.806	0.887	0.932	0.234	0.978	0.965	0.417	0.221	0.217
dre-mir-153c	470	0.491	0.992	0.937	0.381	0.978	0.967	0.587	0.223	0.227
dre-mir-155	456	0.000	1.000	0.982	0.432	0.972	0.964	0.819	0.231	0.245
dre-mir-15a-1	626	0.000	1.000	0.991	0.281	0.979	0.969	0.112	0.294	0.270
dre-mir-15a-2	460	0.198	1.000	0.961	0.291	0.972	0.954	0.805	0.252	0.271
dre-mir-15b	380	0.463	0.928	0.843	0.324	0.962	0.944	0.405	0.269	0.260
dre-mir-15c	456	0.533	0.999	0.965	0.579	0.949	0.936	0.554	0.225	0.227
dre-mir-16a	718	0.256	0.999	0.958	0.357	0.952	0.928	0.535	0.211	0.214
dre-mir-16b	410	0.344	0.963	0.841	0.390	0.962	0.953	0.051	0.274	0.242
dre-mir-16c	150	0.973	0.713	0.958	0.700	0.965	0.967	0.520	0.250	0.252
dre-mir-17a-1	410	0.388	0.975	0.884	0.227	0.970	0.947	0.285	0.237	0.226
dre-mir-17a-2	546	0.000	1.000	0.949	0.139	0.966	0.912	0.156	0.285	0.256
dre-mir-181a-1	446	0.000	1.000	0.912	0.006	0.977	0.881	0.046	0.306	0.259
dre-mir-181a-2	700	0.154	1.000	0.970	0.259	0.954	0.913	0.851	0.266	0.300
dre-mir-181b-1	430	0.116	1.000	0.878	0.110	0.971	0.916	0.366	0.373	0.352
dre-mir-181b-2	718	0.000	1.000	0.981	0.007	0.982	0.946	0.004	0.341	0.283
dre-mir-181c	416	0.462	1.000	0.992	0.630	0.957	0.955	0.143	0.295	0.278
dre-mir-182	838	0.727	0.954	0.931	0.582	0.869	0.865	0.326	0.279	0.261
dre-mir-183	490	0.286	0.999	0.907	0.176	0.968	0.931	0.756	0.316	0.338
dre-mir-184	492	0.772	0.986	0.963	0.547	0.952	0.943	0.204	0.291	0.264
dre-mir-184-2	700	0.289	1.000	0.983	0.776	0.928	0.932	0.474	0.266	0.194
dre-mir-187	428	0.245	1.000	0.970	0.421	0.958	0.945	0.612	0.303	0.311
dre-mir-18a	466	0.013	1.000	0.847	0.095	0.955	0.877	0.229	0.249	0.224
dre-mir-18b	442	0.000	1.000	0.947	0.039	0.973	0.925	0.524	0.253	0.253
dre-mir-18c	436	0.564	0.999	0.971	0.461	0.956	0.936	0.436	0.239	0.235
dre-mir-190	700	0.959	0.532	0.902	0.797	0.929	0.946	0.699	0.254	0.270

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-190b	432	0.000	1.000	0.987	0.020	0.979	0.951	0.066	0.293	0.255
dre-mir-192	448	0.000	1.000	0.968	0.162	0.975	0.945	0.628	0.322	0.330
dre-mir-193a-1	840	0.539	0.980	0.897	0.310	0.960	0.912	0.755	0.286	0.307
dre-mir-193a-2	780	0.158	0.999	0.862	0.096	0.972	0.905	0.582	0.330	0.333
dre-mir-193a-3	780	0.158	0.999	0.862	0.096	0.972	0.905	0.582	0.330	0.333
dre-mir-193b	452	0.015	1.000	0.892	0.118	0.956	0.886	0.596	0.231	0.240
dre-mir-194a	446	0.000	1.000	0.996	0.049	0.981	0.968	0.128	0.266	0.254
dre-mir-194b	496	0.349	1.000	0.956	0.325	0.949	0.906	0.641	0.225	0.236
dre-mir-196a-1	810	0.628	0.999	0.989	0.572	0.970	0.969	0.788	0.277	0.293
dre-mir-196a-2	486	0.679	0.999	0.980	0.465	0.955	0.934	0.895	0.246	0.287
dre-mir-196b	486	0.714	0.997	0.982	0.454	0.954	0.940	0.580	0.278	0.286
dre-mir-199-1	442	0.020	1.000	0.920	0.024	0.967	0.904	0.016	0.284	0.236
dre-mir-199-2	430	0.705	0.990	0.973	0.474	0.962	0.947	0.770	0.250	0.265
dre-mir-199-3	630	0.151	1.000	0.941	0.222	0.967	0.927	0.126	0.306	0.281
dre-mir-19a	428	0.315	0.997	0.933	0.126	0.959	0.916	0.659	0.255	0.272
dre-mir-19b	442	0.154	1.000	0.954	0.148	0.964	0.934	0.284	0.261	0.243
dre-mir-19c	460	0.070	0.999	0.880	0.009	0.972	0.921	0.002	0.333	0.254
dre-mir-19d	562	0.577	0.962	0.868	0.464	0.925	0.887	0.806	0.234	0.265
dre-mir-200a	722	0.000	1.000	0.994	0.375	0.975	0.969	0.870	0.213	0.247
dre-mir-200b	476	0.735	0.995	0.967	0.487	0.958	0.934	0.114	0.305	0.275
dre-mir-200c	452	0.046	1.000	0.928	0.102	0.966	0.909	0.547	0.235	0.238
dre-mir-202	406	0.266	1.000	0.990	0.234	0.977	0.965	0.611	0.259	0.264
dre-mir-203a	370	0.238	1.000	0.975	0.189	0.971	0.942	0.438	0.306	0.300
dre-mir-203b	732	0.333	1.000	0.984	0.316	0.966	0.951	0.283	0.259	0.251
dre-mir-204-1	490	0.390	0.967	0.870	0.996	0.650	0.872	0.994	0.172	0.278
dre-mir-204-2	610	0.077	0.999	0.882	0.028	0.979	0.937	0.030	0.282	0.242
dre-mir-204-3	610	0.077	0.999	0.882	0.028	0.979	0.937	0.030	0.282	0.242
dre-mir-205	432	0.000	1.000	0.961	0.042	0.979	0.940	0.645	0.300	0.307
dre-mir-206-1	560	0.463	0.999	0.979	0.443	0.969	0.960	0.614	0.283	0.290
dre-mir-206-2	438	0.235	0.999	0.938	0.385	0.967	0.952	0.353	0.275	0.265
dre-mir-20a	400	0.825	0.803	0.894	0.843	0.936	0.953	0.525	0.235	0.236
dre-mir-20b	512	0.641	0.922	0.853	0.704	0.875	0.894	0.356	0.255	0.243
dre-mir-21-1	490	0.886	0.653	0.877	0.710	0.953	0.959	0.861	0.216	0.242
dre-mir-21-2	680	0.126	0.999	0.919	0.057	0.980	0.942	0.107	0.278	0.250
dre-mir-210	506	0.016	1.000	0.880	0.089	0.958	0.871	0.264	0.356	0.318
dre-mir-212	412	0.595	0.977	0.920	0.361	0.947	0.905	0.649	0.202	0.211
dre-mir-214	840	0.538	1.000	0.992	0.298	0.976	0.965	0.300	0.313	0.300
dre-mir-216a-1	856	0.000	1.000	0.932	0.142	0.970	0.933	0.272	0.292	0.276
dre-mir-216a-2	856	0.000	1.000	0.932	0.142	0.970	0.933	0.272	0.292	0.276

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-216b-1	486	0.846	0.969	0.969	0.729	0.921	0.926	0.889	0.199	0.230
dre-mir-216b-2	766	0.906	0.969	0.984	0.824	0.923	0.943	0.961	0.215	0.257
dre-mir-217-1	780	0.000	1.000	0.985	0.003	0.983	0.966	0.014	0.330	0.289
dre-mir-217-2	780	0.000	1.000	0.985	0.003	0.983	0.966	0.014	0.330	0.289
dre-mir-218a-1	376	0.000	1.000	0.977	0.041	0.981	0.961	0.148	0.293	0.267
dre-mir-218a-2	438	0.363	1.000	0.958	0.184	0.969	0.941	0.868	0.254	0.284
dre-mir-218b	766	0.000	1.000	0.954	0.036	0.974	0.906	0.401	0.276	0.266
dre-mir-219-1	422	0.000	1.000	0.939	0.013	0.979	0.924	0.106	0.333	0.289
dre-mir-219-2	470	0.226	1.000	0.970	0.264	0.957	0.905	0.319	0.279	0.263
dre-mir-219-3	490	0.378	0.950	0.800	0.216	0.968	0.928	0.400	0.260	0.251
dre-mir-220	510	0.967	0.389	0.839	0.982	0.709	0.902	0.975	0.150	0.229
dre-mir-221	480	0.798	0.974	0.964	0.327	0.962	0.927	0.565	0.272	0.274
dre-mir-222	480	0.327	0.998	0.955	0.271	0.968	0.948	0.350	0.262	0.253
dre-mir-223	460	0.685	0.986	0.958	0.562	0.953	0.941	0.233	0.394	0.366
dre-mir-22a-1	976	0.000	1.000	0.968	0.089	0.972	0.951	0.753	0.213	0.231
dre-mir-22a-2	976	0.000	1.000	0.968	0.089	0.972	0.951	0.753	0.213	0.231
dre-mir-22b	416	0.216	1.000	0.985	0.195	0.971	0.955	0.352	0.244	0.240
dre-mir-23a-1	428	0.614	0.988	0.941	0.526	0.933	0.913	0.909	0.176	0.217
dre-mir-23a-2	570	0.684	0.994	0.977	0.678	0.956	0.958	0.479	0.255	0.254
dre-mir-23a-3	526	0.293	1.000	0.994	0.557	0.960	0.953	0.697	0.231	0.242
dre-mir-23b	466	0.097	1.000	0.974	0.126	0.962	0.927	0.132	0.263	0.230
dre-mir-24-1	476	0.000	1.000	0.972	0.054	0.973	0.925	0.264	0.271	0.258
dre-mir-24-2	476	0.742	0.991	0.962	0.555	0.947	0.929	0.858	0.220	0.248
dre-mir-24-3	440	0.002	0.998	0.707	0.002	0.978	0.868	0.007	0.232	0.172
dre-mir-24-4	522	0.374	1.000	0.988	0.270	0.972	0.958	0.300	0.263	0.255
dre-mir-25	456	0.000	1.000	0.908	0.011	0.978	0.895	0.258	0.264	0.245
dre-mir-26a-1	476	0.000	1.000	0.985	0.155	0.976	0.948	0.485	0.312	0.312
dre-mir-26a-2	410	0.959	0.552	0.912	0.702	0.948	0.949	0.976	0.234	0.295
dre-mir-26a-3	510	0.441	0.980	0.925	0.445	0.969	0.963	0.478	0.204	0.206
dre-mir-26b	510	0.561	1.000	0.981	0.688	0.961	0.961	0.970	0.220	0.265
dre-mir-27a	350	0.503	0.947	0.867	0.054	0.978	0.936	0.043	0.277	0.240
dre-mir-27b	412	0.845	0.998	0.996	0.700	0.965	0.968	0.484	0.253	0.253
dre-mir-27c	432	0.146	1.000	0.969	0.250	0.968	0.950	0.730	0.246	0.262
dre-mir-27d	428	0.042	1.000	0.969	0.108	0.974	0.953	0.259	0.296	0.281
dre-mir-27e	540	0.239	1.000	0.963	0.107	0.976	0.954	0.428	0.264	0.260
dre-mir-29a-1	670	0.060	1.000	0.941	0.004	0.981	0.943	0.037	0.331	0.273
dre-mir-29a-2	616	0.000	1.000	0.983	0.593	0.955	0.947	0.930	0.282	0.322
dre-mir-29b-1	456	0.726	0.996	0.988	0.695	0.943	0.941	0.476	0.245	0.245
dre-mir-29b-2	698	0.643	0.999	0.990	0.471	0.959	0.955	0.166	0.222	0.200

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-29b-3	428	0.764	0.996	0.977	0.833	0.946	0.956	0.958	0.205	0.239
dre-mir-301a-1	890	0.164	0.995	0.773	0.231	0.929	0.862	0.608	0.225	0.233
dre-mir-301a-2	890	0.164	0.995	0.773	0.231	0.929	0.862	0.608	0.225	0.233
dre-mir-301b	476	0.040	1.000	0.934	0.109	0.961	0.899	0.542	0.263	0.263
dre-mir-301c	446	0.309	1.000	0.943	0.267	0.958	0.916	0.385	0.293	0.283
dre-mir-30a	432	0.338	1.000	0.962	0.493	0.955	0.939	0.434	0.255	0.251
dre-mir-30b	428	0.138	1.000	0.989	0.414	0.965	0.952	0.989	0.189	0.246
dre-mir-30c	476	0.947	0.913	0.981	0.930	0.917	0.952	0.965	0.211	0.249
dre-mir-30d	400	0.515	0.901	0.864	0.297	0.953	0.925	0.595	0.206	0.212
dre-mir-30e-2	566	0.000	1.000	0.994	0.059	0.981	0.964	0.172	0.308	0.289
dre-mir-31	326	0.147	1.000	0.954	0.073	0.972	0.936	0.542	0.259	0.262
dre-mir-338-1	904	0.000	1.000	0.937	0.032	0.970	0.919	0.222	0.271	0.251
dre-mir-338-2	904	0.000	1.000	0.937	0.032	0.970	0.919	0.222	0.271	0.251
dre-mir-338-3	400	0.395	0.989	0.904	0.235	0.967	0.919	0.160	0.255	0.228
dre-mir-338-4	400	0.395	0.989	0.904	0.235	0.967	0.919	0.160	0.255	0.228
dre-mir-34	850	0.762	0.995	0.984	0.813	0.951	0.960	0.959	0.245	0.285
dre-mir-34b	452	0.000	1.000	0.979	0.082	0.974	0.949	0.224	0.286	0.274
dre-mir-34c	446	0.294	1.000	0.921	0.029	0.978	0.910	0.001	0.321	0.265
dre-mir-363	290	0.338	0.975	0.899	0.031	0.977	0.913	0.066	0.268	0.225
dre-mir-365-1	428	0.701	0.999	0.989	0.639	0.962	0.958	0.201	0.337	0.314
dre-mir-365-2	800	0.375	0.999	0.967	0.376	0.964	0.949	0.119	0.367	0.337
dre-mir-365-3	780	0.744	0.976	0.947	0.495	0.957	0.939	0.390	0.343	0.333
dre-mir-365-4	780	0.744	0.976	0.947	0.495	0.957	0.939	0.390	0.343	0.333
dre-mir-375-1	746	0.071	1.000	0.951	0.032	0.979	0.933	0.056	0.275	0.245
dre-mir-375-2	476	0.076	1.000	0.905	0.056	0.967	0.879	0.016	0.269	0.223
dre-mir-429	416	0.000	1.000	0.989	0.234	0.974	0.956	0.894	0.244	0.268
dre-mir-430a-1	830	0.763	0.839	0.880	0.631	0.882	0.883	0.539	0.228	0.228
dre-mir-430a-10	700	0.053	0.998	0.828	0.006	0.981	0.904	0.063	0.265	0.222
dre-mir-430a-11	700	0.053	0.998	0.828	0.006	0.981	0.904	0.063	0.265	0.222
dre-mir-430a-12	1656	0.086	1.000	0.921	0.071	0.961	0.884	0.351	0.224	0.214
dre-mir-430a-13	1656	0.086	1.000	0.921	0.071	0.961	0.884	0.351	0.224	0.214
dre-mir-430a-14	1656	0.086	1.000	0.921	0.071	0.961	0.884	0.351	0.224	0.214
dre-mir-430a-15	1656	0.086	1.000	0.921	0.071	0.961	0.884	0.351	0.224	0.214
dre-mir-430a-16	1656	0.086	1.000	0.921	0.071	0.961	0.884	0.351	0.224	0.214
dre-mir-430a-17	1656	0.086	1.000	0.921	0.071	0.961	0.884	0.351	0.224	0.214
dre-mir-430a-18	916	0.041	1.000	0.882	0.060	0.962	0.880	0.481	0.213	0.210
dre-mir-430a-19	916	0.041	1.000	0.882	0.060	0.962	0.880	0.481	0.213	0.210
dre-mir-430a-2	552	0.143	1.000	0.930	0.078	0.965	0.906	0.463	0.240	0.236
dre-mir-430a-20	490	0.020	0.999	0.796	0.008	0.980	0.901	0.222	0.255	0.229

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-430a-21	490	0.020	0.999	0.796	0.008	0.980	0.901	0.222	0.255	0.229
dre-mir-430a-22	510	0.049	0.981	0.676	0.055	0.955	0.860	0.261	0.215	0.191
dre-mir-430a-23	610	0.777	0.636	0.808	0.565	0.909	0.902	0.225	0.340	0.310
dre-mir-430a-3	552	0.143	1.000	0.930	0.078	0.965	0.906	0.463	0.240	0.236
dre-mir-430a-4	406	0.103	1.000	0.869	0.219	0.942	0.870	0.435	0.342	0.330
dre-mir-430a-5	700	0.053	0.998	0.828	0.006	0.981	0.904	0.063	0.265	0.222
dre-mir-430a-6	700	0.053	0.998	0.828	0.006	0.981	0.904	0.063	0.265	0.222
dre-mir-430a-7	700	0.053	0.998	0.828	0.006	0.981	0.904	0.063	0.265	0.222
dre-mir-430a-8	700	0.053	0.998	0.828	0.006	0.981	0.904	0.063	0.265	0.222
dre-mir-430a-9	700	0.053	0.998	0.828	0.006	0.981	0.904	0.063	0.265	0.222
dre-mir-430b-1	412	0.413	0.994	0.916	0.095	0.966	0.907	0.328	0.344	0.324
dre-mir-430b-10	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-11	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-12	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-13	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-14	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-15	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-16	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-17	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-18	2554	0.000	1.000	0.982	0.081	0.973	0.950	0.436	0.263	0.260
dre-mir-430b-19	456	0.000	1.000	0.986	0.231	0.969	0.957	0.350	0.239	0.234
dre-mir-430b-2	938	0.000	1.000	0.971	0.049	0.972	0.933	0.519	0.259	0.260
dre-mir-430b-20	562	0.000	1.000	0.980	0.042	0.974	0.948	0.468	0.239	0.239
dre-mir-430b-21	562	0.000	1.000	0.980	0.042	0.974	0.948	0.468	0.239	0.239
dre-mir-430b-22	562	0.000	1.000	0.961	0.081	0.969	0.927	0.218	0.284	0.263
dre-mir-430b-23	562	0.000	1.000	0.961	0.081	0.969	0.927	0.218	0.284	0.263
dre-mir-430b-3	938	0.000	1.000	0.971	0.049	0.972	0.933	0.519	0.259	0.260
dre-mir-430b-4	938	0.000	1.000	0.971	0.049	0.972	0.933	0.519	0.259	0.260
dre-mir-430b-5	466	0.000	1.000	0.978	0.400	0.956	0.944	0.667	0.222	0.232
dre-mir-430b-6	1124	0.000	1.000	0.977	0.236	0.968	0.954	0.593	0.230	0.235
dre-mir-430b-7	1124	0.000	1.000	0.977	0.236	0.968	0.954	0.593	0.230	0.235
dre-mir-430b-8	1124	0.000	1.000	0.977	0.236	0.968	0.954	0.593	0.230	0.235
dre-mir-430b-9	1124	0.000	1.000	0.977	0.236	0.968	0.954	0.593	0.230	0.235
dre-mir-430c-1	400	0.618	0.999	0.977	0.758	0.949	0.951	0.420	0.354	0.346
dre-mir-430c-10	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-11	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-12	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-13	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-14	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-430c-15	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-16	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-17	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-18	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-19	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-2	1184	0.000	1.000	0.987	0.300	0.972	0.961	0.246	0.300	0.284
dre-mir-430c-20	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-21	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-3	1184	0.000	1.000	0.987	0.300	0.972	0.961	0.246	0.300	0.284
dre-mir-430c-4	1184	0.000	1.000	0.987	0.300	0.972	0.961	0.246	0.300	0.284
dre-mir-430c-5	1184	0.000	1.000	0.987	0.300	0.972	0.961	0.246	0.300	0.284
dre-mir-430c-6	476	0.689	0.988	0.939	0.713	0.906	0.918	0.411	0.333	0.326
dre-mir-430c-7	426	0.000	1.000	0.988	0.487	0.965	0.958	0.323	0.251	0.241
dre-mir-430c-8	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430c-9	4144	0.849	0.998	0.990	0.889	0.937	0.960	0.351	0.333	0.326
dre-mir-430i-1	1108	0.027	0.999	0.817	0.014	0.954	0.819	0.150	0.211	0.178
dre-mir-430i-2	1108	0.027	0.999	0.817	0.014	0.954	0.819	0.150	0.211	0.178
dre-mir-430i-3	1108	0.027	0.999	0.817	0.014	0.954	0.819	0.150	0.211	0.178
dre-mir-430j	486	0.019	1.000	0.937	0.051	0.969	0.902	0.320	0.292	0.274
dre-mir-451	644	0.000	1.000	0.993	0.824	0.969	0.973	0.725	0.239	0.246
dre-mir-454a	400	0.800	0.870	0.919	0.217	0.963	0.946	0.383	0.242	0.236
dre-mir-454b	390	0.877	0.861	0.946	0.346	0.965	0.949	0.136	0.287	0.262
dre-mir-455	498	0.643	0.961	0.925	0.484	0.939	0.917	0.716	0.274	0.292
dre-mir-456	452	0.128	1.000	0.922	0.239	0.957	0.923	0.385	0.239	0.232
dre-mir-457a	466	0.000	1.000	0.962	0.116	0.973	0.938	0.449	0.305	0.301
dre-mir-457b	476	0.361	1.000	0.977	0.276	0.969	0.940	0.638	0.312	0.322
dre-mir-458	576	0.000	1.000	0.985	0.249	0.972	0.948	0.673	0.252	0.261
dre-mir-459	486	0.323	1.000	0.981	0.648	0.954	0.953	0.789	0.276	0.291
dre-mir-460	556	0.094	1.000	0.973	0.134	0.969	0.922	0.234	0.277	0.252
dre-mir-461	466	0.429	0.987	0.878	0.255	0.930	0.869	0.113	0.346	0.288
dre-mir-462	520	0.438	0.997	0.960	0.481	0.955	0.941	0.281	0.271	0.260
dre-mir-489	360	0.767	0.848	0.890	0.642	0.943	0.943	0.942	0.240	0.292
dre-mir-499	692	0.000	1.000	0.985	0.102	0.976	0.957	0.254	0.253	0.240
dre-mir-722	512	0.871	0.990	0.984	0.622	0.962	0.962	0.070	0.231	0.204
dre-mir-723	428	0.706	0.999	0.990	0.728	0.958	0.960	0.447	0.262	0.261
dre-mir-724	456	0.279	0.999	0.944	0.112	0.962	0.912	0.276	0.235	0.218
dre-mir-725	476	0.000	1.000	0.999	0.219	0.983	0.977	0.932	0.237	0.267
dre-mir-726	442	0.319	1.000	0.940	0.513	0.950	0.929	0.739	0.226	0.240
dre-mir-727	422	0.588	0.998	0.978	0.743	0.939	0.947	0.879	0.187	0.224

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
dre-mir-728	456	0.268	1.000	0.969	0.083	0.975	0.949	0.108	0.293	0.266
dre-mir-729	485	0.431	0.982	0.879	0.209	0.956	0.908	0.744	0.215	0.243
dre-mir-730	466	0.509	1.000	0.986	0.626	0.954	0.951	0.294	0.254	0.242
dre-mir-731	698	0.007	1.000	0.849	0.022	0.970	0.890	0.417	0.252	0.241
dre-mir-732	542	0.561	0.999	0.974	0.378	0.966	0.952	0.482	0.294	0.292
dre-mir-733	412	0.044	0.999	0.735	0.141	0.948	0.876	0.032	0.281	0.232
dre-mir-734	412	0.036	1.000	0.949	0.164	0.965	0.931	0.563	0.251	0.255
dre-mir-735	492	0.000	1.000	0.958	0.030	0.970	0.904	0.244	0.328	0.300
dre-mir-736	746	0.000	1.000	1.000	0.420	0.984	0.983	0.792	0.237	0.247
dre-mir-737	400	0.665	0.999	0.984	0.467	0.969	0.964	0.417	0.236	0.233
dre-mir-738	670	0.201	1.000	0.980	0.514	0.963	0.954	0.825	0.221	0.238
dre-mir-739	412	0.716	0.401	0.613	0.267	0.880	0.825	0.366	0.228	0.211
dre-mir-740	400	0.570	0.993	0.971	0.247	0.976	0.965	0.000	0.286	0.241
dre-mir-7a-1	496	0.335	0.999	0.932	0.180	0.957	0.892	0.529	0.350	0.349
dre-mir-7a-2	400	0.102	1.000	0.893	0.267	0.966	0.918	0.406	0.330	0.320
dre-mir-7a-3	200	0.920	0.462	0.833	0.250	0.951	0.897	0.140	0.333	0.292
dre-mir-7b	360	0.697	0.946	0.892	0.418	0.952	0.921	0.359	0.295	0.284
dre-mir-9-1	438	0.447	1.000	0.995	0.589	0.964	0.962	0.990	0.203	0.254
dre-mir-9-2	75	0.053	0.999	0.900	0.000	0.990	0.953	0.067	0.283	0.250
dre-mir-9-3	470	0.611	0.999	0.988	0.708	0.966	0.967	0.461	0.290	0.290
dre-mir-9-4	438	0.418	1.000	0.988	0.641	0.967	0.964	0.889	0.264	0.290
dre-mir-9-5	538	0.074	1.000	0.990	0.087	0.975	0.956	0.548	0.238	0.240
dre-mir-9-6	432	0.400	1.000	0.994	0.346	0.973	0.965	0.385	0.261	0.258
dre-mir-9-7	726	0.880	0.998	0.994	0.835	0.951	0.962	0.343	0.254	0.245
dre-mir-92a-1	452	0.226	1.000	0.976	0.310	0.966	0.948	0.875	0.290	0.325
dre-mir-92a-2	412	0.138	1.000	0.959	0.076	0.975	0.947	0.527	0.249	0.251
dre-mir-92b	470	0.000	1.000	0.990	0.051	0.985	0.967	0.547	0.285	0.288
dre-mir-93	416	0.642	1.000	0.990	0.296	0.967	0.954	0.113	0.266	0.245
dre-mir-96	510	0.175	0.999	0.926	0.039	0.979	0.946	0.037	0.309	0.258
dre-mir-99-1	466	0.017	1.000	0.906	0.002	0.979	0.882	0.118	0.266	0.233
dre-mir-99-2	486	0.072	1.000	0.887	0.103	0.942	0.851	0.225	0.233	0.206
ebv-mir-BART1	436	0.021	1.000	0.958	0.051	0.958	0.893	0.769	0.205	0.223
ebv-mir-BART10	418	0.000	1.000	0.946	0.003	0.982	0.943	0.483	0.270	0.268
ebv-mir-BART11	438	0.514	0.999	0.982	0.501	0.955	0.946	0.080	0.240	0.218
ebv-mir-BART12	466	0.725	0.987	0.945	0.488	0.949	0.926	0.259	0.281	0.267
ebv-mir-BART13	438	0.037	1.000	0.815	0.076	0.959	0.872	0.121	0.260	0.226
ebv-mir-BART14	452	0.053	1.000	0.884	0.112	0.957	0.878	0.063	0.267	0.229
ebv-mir-BART15	496	0.300	1.000	0.974	0.302	0.953	0.916	0.696	0.231	0.246
ebv-mir-BART16	670	0.052	1.000	0.845	0.075	0.968	0.889	0.160	0.293	0.259

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ebv-mir-BART17	540	0.026	1.000	0.918	0.065	0.975	0.936	0.165	0.278	0.252
ebv-mir-BART18	310	0.345	1.000	0.957	0.145	0.982	0.954	0.077	0.280	0.251
ebv-mir-BART19	512	0.000	1.000	0.966	0.080	0.979	0.950	0.134	0.272	0.254
ebv-mir-BART2	478	0.071	1.000	0.960	0.025	0.972	0.908	0.317	0.317	0.302
ebv-mir-BART20	540	0.006	1.000	0.891	0.023	0.970	0.907	0.060	0.239	0.207
ebv-mir-BART3	496	0.000	1.000	0.973	0.084	0.979	0.951	0.492	0.274	0.274
ebv-mir-BART4	586	0.809	0.997	0.986	0.409	0.963	0.947	0.214	0.259	0.246
ebv-mir-BART5	528	0.097	1.000	0.911	0.038	0.967	0.897	0.163	0.258	0.232
ebv-mir-BART6	412	0.194	1.000	0.985	0.177	0.974	0.961	0.701	0.246	0.257
ebv-mir-BART7	438	0.000	1.000	0.938	0.046	0.974	0.924	0.289	0.252	0.238
ebv-mir-BART8	376	0.000	1.000	0.956	0.207	0.972	0.946	0.779	0.248	0.268
ebv-mir-BART9	442	0.011	1.000	0.849	0.060	0.962	0.881	0.112	0.295	0.252
ebv-mir-BHRF1-1	658	0.087	1.000	0.960	0.119	0.968	0.911	0.202	0.313	0.292
ebv-mir-BHRF1-2	472	0.000	1.000	0.994	0.357	0.973	0.966	0.158	0.297	0.276
ebv-mir-BHRF1-3	572	0.350	1.000	0.960	0.262	0.946	0.898	0.615	0.297	0.306
fru-let-7a-1	416	0.000	1.000	0.979	0.055	0.972	0.933	0.481	0.270	0.270
fru-let-7a-2	586	0.143	1.000	0.996	0.076	0.967	0.943	0.249	0.285	0.260
fru-let-7a-3	488	0.064	1.000	0.967	0.132	0.971	0.943	0.322	0.378	0.363
fru-let-7b	532	0.680	0.999	0.987	0.632	0.948	0.950	0.347	0.242	0.232
fru-let-7d	1076	0.488	0.999	0.948	0.382	0.964	0.936	0.514	0.264	0.265
fru-let-7e	840	0.606	0.999	0.982	0.563	0.959	0.953	0.375	0.270	0.261
fru-let-7g	592	0.088	1.000	0.967	0.230	0.960	0.929	0.506	0.283	0.282
fru-let-7h	446	0.794	0.996	0.988	0.574	0.946	0.943	0.871	0.226	0.276
fru-let-7i	812	0.027	1.000	0.960	0.097	0.957	0.928	0.331	0.242	0.226
fru-let-7j	290	0.510	1.000	0.994	0.766	0.930	0.944	0.866	0.252	0.283
fru-mir-1	406	0.635	1.000	0.994	0.560	0.955	0.951	0.501	0.224	0.225
fru-mir-100	770	0.000	1.000	0.951	0.322	0.948	0.902	0.762	0.243	0.260
fru-mir-101a	912	0.000	1.000	0.999	0.280	0.969	0.961	0.584	0.239	0.244
fru-mir-101b	438	0.473	1.000	0.996	0.466	0.966	0.963	0.688	0.220	0.230
fru-mir-103	376	0.000	1.000	0.971	0.039	0.970	0.917	0.436	0.220	0.216
fru-mir-107	442	0.229	1.000	0.938	0.276	0.954	0.916	0.193	0.211	0.197
fru-mir-10b-1	436	0.917	0.986	0.991	0.881	0.918	0.942	0.816	0.229	0.251
fru-mir-10b-2	466	0.820	0.960	0.954	0.702	0.937	0.940	0.672	0.234	0.243
fru-mir-10c	470	0.838	0.750	0.882	0.433	0.951	0.915	0.074	0.395	0.342
fru-mir-10d	400	0.372	1.000	0.986	0.422	0.975	0.968	0.815	0.223	0.239
fru-mir-122	492	0.000	1.000	0.996	0.019	0.984	0.962	0.104	0.323	0.293
fru-mir-124-1	536	0.000	1.000	0.982	0.336	0.973	0.957	0.387	0.325	0.321
fru-mir-124-2	466	0.238	1.000	0.965	0.312	0.967	0.930	0.391	0.355	0.345
fru-mir-124-3	476	0.162	1.000	0.980	0.227	0.973	0.950	0.450	0.289	0.286

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
fru-mir-125a	478	0.178	1.000	0.943	0.412	0.935	0.897	0.714	0.338	0.357
fru-mir-125b	436	0.711	1.000	0.990	0.674	0.946	0.940	0.703	0.267	0.279
fru-mir-126	1050	0.000	1.000	0.991	0.059	0.977	0.942	0.277	0.349	0.330
fru-mir-128-1	446	0.043	1.000	0.952	0.037	0.972	0.914	0.184	0.306	0.282
fru-mir-128-2	326	0.785	0.971	0.951	0.672	0.911	0.913	0.109	0.324	0.292
fru-mir-129-1	428	0.021	1.000	0.905	0.126	0.966	0.930	0.330	0.228	0.219
fru-mir-129-2	506	0.466	0.999	0.936	0.694	0.916	0.915	0.962	0.205	0.265
fru-mir-130	456	0.072	1.000	0.951	0.147	0.963	0.900	0.182	0.308	0.279
fru-mir-132	728	0.262	1.000	0.988	0.531	0.965	0.958	0.120	0.259	0.236
fru-mir-133	432	0.030	1.000	0.906	0.109	0.974	0.921	0.848	0.273	0.304
fru-mir-135a	872	0.000	1.000	0.975	0.174	0.973	0.942	0.773	0.295	0.317
fru-mir-135b	466	0.779	1.000	0.999	0.795	0.966	0.971	0.420	0.277	0.276
fru-mir-137	516	0.374	1.000	0.989	0.335	0.961	0.942	0.375	0.242	0.237
fru-mir-138	496	0.000	1.000	0.974	0.198	0.962	0.919	0.516	0.300	0.302
fru-mir-140	756	0.000	1.000	0.998	0.056	0.974	0.957	0.431	0.284	0.282
fru-mir-142a	438	0.000	1.000	0.993	0.095	0.983	0.973	0.305	0.291	0.274
fru-mir-142b	438	0.000	1.000	0.986	0.115	0.981	0.965	0.379	0.298	0.287
fru-mir-144	426	0.000	1.000	0.992	0.098	0.973	0.954	0.299	0.260	0.251
fru-mir-148	756	0.552	1.000	0.994	0.384	0.960	0.953	0.258	0.232	0.220
fru-mir-152	426	0.641	0.992	0.947	0.347	0.925	0.888	0.774	0.282	0.320
fru-mir-153a	436	0.000	1.000	0.991	0.056	0.976	0.954	0.063	0.272	0.245
fru-mir-153b	950	0.345	1.000	0.983	0.357	0.966	0.954	0.554	0.260	0.263
fru-mir-15a	506	0.385	1.000	0.994	0.547	0.967	0.954	0.267	0.357	0.341
fru-mir-15b	412	0.337	1.000	0.949	0.221	0.974	0.938	0.194	0.309	0.290
fru-mir-16	428	0.124	1.000	0.977	0.014	0.980	0.950	0.076	0.285	0.259
fru-mir-17-1	538	0.132	1.000	0.928	0.152	0.960	0.903	0.237	0.236	0.219
fru-mir-17-2	456	0.048	1.000	0.970	0.220	0.966	0.937	0.203	0.248	0.230
fru-mir-18	892	0.020	1.000	0.811	0.035	0.960	0.860	0.407	0.250	0.238
fru-mir-181a-1	736	0.039	1.000	0.929	0.063	0.969	0.886	0.140	0.289	0.259
fru-mir-181a-2	690	0.262	1.000	0.965	0.276	0.970	0.941	0.233	0.323	0.302
fru-mir-181b-1	980	0.000	1.000	0.955	0.008	0.980	0.939	0.011	0.368	0.313
fru-mir-181b-2	406	0.000	1.000	0.984	0.095	0.975	0.943	0.134	0.364	0.334
fru-mir-182	326	0.509	0.969	0.888	0.447	0.885	0.863	0.293	0.347	0.319
fru-mir-183	686	0.136	1.000	0.907	0.228	0.935	0.890	0.965	0.190	0.258
fru-mir-184	606	0.317	1.000	0.957	0.013	0.973	0.895	0.011	0.393	0.325
fru-mir-187	450	0.471	1.000	0.993	0.516	0.971	0.968	0.758	0.286	0.305
fru-mir-190	856	0.586	1.000	0.999	0.624	0.951	0.951	0.773	0.249	0.273
fru-mir-192	436	0.472	0.998	0.950	0.370	0.946	0.910	0.494	0.268	0.265
fru-mir-193	100	0.070	1.000	0.934	0.120	0.967	0.904	0.580	0.315	0.316

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
fru-mir-194	326	0.383	1.000	0.961	0.305	0.955	0.915	0.838	0.255	0.279
fru-mir-196a-1	448	0.730	1.000	0.997	0.911	0.957	0.968	0.832	0.212	0.229
fru-mir-196a-2	612	0.786	0.992	0.970	0.378	0.953	0.918	0.851	0.268	0.307
fru-mir-196b	580	0.378	1.000	0.983	0.525	0.931	0.915	0.703	0.304	0.327
fru-mir-199-1	442	0.048	1.000	0.915	0.029	0.967	0.899	0.017	0.287	0.235
fru-mir-199-2	872	0.000	1.000	0.982	0.333	0.964	0.947	0.717	0.269	0.284
fru-mir-199-3	560	0.550	0.990	0.930	0.519	0.952	0.937	0.646	0.296	0.303
fru-mir-19a	572	0.028	1.000	0.967	0.032	0.970	0.918	0.107	0.296	0.258
fru-mir-19b	472	0.000	1.000	0.969	0.068	0.959	0.918	0.656	0.233	0.248
fru-mir-20	446	0.908	0.986	0.991	0.672	0.952	0.949	0.600	0.267	0.272
fru-mir-200a	446	0.000	1.000	0.973	0.038	0.979	0.942	0.186	0.305	0.286
fru-mir-200b	666	0.335	1.000	0.949	0.437	0.946	0.919	0.467	0.307	0.304
fru-mir-202	700	0.533	1.000	0.979	0.764	0.938	0.947	0.972	0.222	0.261
fru-mir-203	416	0.120	1.000	0.987	0.368	0.961	0.944	0.562	0.275	0.278
fru-mir-204	432	0.028	1.000	0.946	0.067	0.976	0.930	0.457	0.355	0.349
fru-mir-205	476	0.090	1.000	0.950	0.271	0.959	0.915	0.904	0.236	0.275
fru-mir-21	606	0.000	1.000	0.984	0.094	0.972	0.944	0.055	0.274	0.247
fru-mir-210	570	0.958	0.289	0.856	0.617	0.915	0.908	0.859	0.276	0.314
fru-mir-212	412	0.007	1.000	0.881	0.000	0.979	0.898	0.128	0.319	0.277
fru-mir-214	560	0.000	1.000	0.985	0.248	0.982	0.970	0.280	0.367	0.354
fru-mir-216a	426	0.000	1.000	0.939	0.182	0.957	0.907	0.599	0.256	0.263
fru-mir-216b	576	0.168	1.000	0.956	0.117	0.971	0.926	0.256	0.316	0.299
fru-mir-217	660	0.123	0.999	0.858	0.345	0.943	0.900	0.229	0.290	0.267
fru-mir-218a-1	626	0.435	1.000	0.998	0.491	0.975	0.970	0.234	0.277	0.265
fru-mir-218a-2	546	0.262	1.000	0.978	0.356	0.963	0.943	0.414	0.262	0.256
fru-mir-218b	486	0.070	1.000	0.938	0.074	0.963	0.889	0.355	0.232	0.221
fru-mir-219-1	786	0.000	1.000	0.960	0.087	0.973	0.913	0.046	0.402	0.341
fru-mir-219-2	572	0.082	1.000	0.947	0.114	0.965	0.911	0.726	0.258	0.276
fru-mir-221	486	0.360	0.999	0.930	0.175	0.955	0.894	0.644	0.290	0.302
fru-mir-222	450	0.102	1.000	0.960	0.312	0.946	0.906	0.459	0.280	0.276
fru-mir-223	700	0.681	0.999	0.990	0.544	0.957	0.952	0.476	0.375	0.371
fru-mir-22a	538	0.000	1.000	0.978	0.361	0.966	0.958	0.839	0.205	0.226
fru-mir-22b	718	0.145	1.000	0.965	0.266	0.963	0.940	0.536	0.240	0.243
fru-mir-23a-1	856	0.190	1.000	0.964	0.277	0.967	0.938	0.381	0.303	0.292
fru-mir-23a-2	486	0.809	1.000	0.994	0.702	0.948	0.948	0.707	0.225	0.240
fru-mir-23a-3	486	0.508	1.000	0.983	0.536	0.956	0.939	0.388	0.287	0.281
fru-mir-23b	406	0.320	1.000	0.983	0.356	0.950	0.928	0.630	0.237	0.248
fru-mir-24-1	410	0.273	1.000	0.981	0.288	0.962	0.930	0.883	0.241	0.274
fru-mir-24-2	456	0.250	1.000	0.985	0.519	0.962	0.955	0.865	0.228	0.257

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
fru-mir-25	832	0.106	1.000	0.871	0.125	0.956	0.871	0.592	0.232	0.237
fru-mir-26	432	0.000	1.000	0.983	0.003	0.983	0.959	0.032	0.303	0.275
fru-mir-27b	732	0.000	1.000	0.985	0.337	0.963	0.946	0.617	0.284	0.291
fru-mir-27c	496	0.647	1.000	0.987	0.321	0.971	0.959	0.225	0.295	0.284
fru-mir-27e	560	0.243	1.000	0.940	0.227	0.968	0.933	0.492	0.330	0.327
fru-mir-29a-1	506	0.000	1.000	0.974	0.321	0.954	0.929	0.917	0.282	0.329
fru-mir-29a-2	410	0.446	0.942	0.851	0.229	0.962	0.938	0.100	0.310	0.272
fru-mir-29b-1	496	0.452	1.000	0.989	0.597	0.949	0.944	0.877	0.216	0.243
fru-mir-29b-2	496	0.788	1.000	0.997	0.728	0.950	0.951	0.909	0.257	0.302
fru-mir-301	630	0.319	1.000	0.974	0.350	0.945	0.912	0.625	0.314	0.325
fru-mir-30b	418	0.117	1.000	0.901	0.141	0.966	0.916	0.588	0.237	0.242
fru-mir-30c	486	0.969	0.950	0.994	0.823	0.945	0.957	0.909	0.226	0.254
fru-mir-30d	490	0.065	1.000	0.952	0.016	0.984	0.946	0.283	0.279	0.267
fru-mir-338	662	0.000	1.000	0.973	0.076	0.974	0.949	0.069	0.333	0.294
fru-mir-365	412	0.383	0.999	0.951	0.239	0.967	0.945	0.188	0.361	0.340
fru-mir-375	612	0.002	1.000	0.831	0.011	0.969	0.865	0.330	0.307	0.286
fru-mir-429	466	0.388	1.000	0.973	0.492	0.954	0.933	0.801	0.311	0.335
fru-mir-455	456	0.441	1.000	0.977	0.313	0.962	0.936	0.584	0.242	0.246
fru-mir-458	406	0.000	1.000	0.974	0.207	0.971	0.938	0.976	0.227	0.284
fru-mir-460	520	0.044	1.000	0.940	0.037	0.970	0.880	0.159	0.304	0.270
fru-mir-489	540	0.276	0.997	0.877	0.211	0.964	0.905	0.771	0.265	0.291
fru-mir-7	418	0.478	1.000	0.980	0.366	0.964	0.947	0.580	0.264	0.268
fru-mir-9-1	438	0.696	1.000	0.996	0.654	0.964	0.965	0.861	0.218	0.237
fru-mir-9-2	652	0.813	0.999	0.997	0.727	0.947	0.952	0.917	0.241	0.277
fru-mir-9-3	652	0.362	1.000	0.996	0.502	0.967	0.963	0.705	0.297	0.307
fru-mir-9-4	552	0.000	1.000	0.989	0.416	0.976	0.969	0.688	0.263	0.274
fru-mir-92-1	756	0.000	1.000	0.994	0.272	0.976	0.968	0.616	0.228	0.234
fru-mir-92-2	492	0.496	1.000	0.977	0.265	0.964	0.921	0.047	0.317	0.286
fru-mir-96	470	0.385	0.995	0.912	0.051	0.978	0.931	0.395	0.310	0.302
gga-let-7a-1	432	0.306	0.999	0.960	0.287	0.957	0.938	0.744	0.248	0.267
gga-let-7a-2	326	0.172	1.000	0.983	0.063	0.964	0.913	0.205	0.231	0.210
gga-let-7a-3	406	0.355	1.000	0.996	0.323	0.958	0.943	0.732	0.250	0.277
gga-let-7b	490	0.243	1.000	0.995	0.429	0.962	0.957	0.724	0.231	0.250
gga-let-7c	532	0.186	1.000	0.966	0.253	0.960	0.928	0.410	0.210	0.207
gga-let-7d	490	0.090	1.000	0.973	0.088	0.973	0.947	0.686	0.249	0.238
gga-let-7f	438	0.000	1.000	0.995	0.075	0.974	0.957	0.329	0.284	0.269
gga-let-7g	818	0.055	1.000	0.969	0.056	0.968	0.935	0.005	0.285	0.229
gga-let-7i	1064	0.028	1.000	0.967	0.157	0.954	0.931	0.414	0.250	0.243
gga-let-7j	466	0.579	0.998	0.982	0.398	0.945	0.924	0.742	0.269	0.291

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
gga-let-7k	456	0.099	1.000	0.939	0.023	0.967	0.892	0.094	0.337	0.286
gga-mir-100	486	0.093	1.000	0.876	0.231	0.933	0.854	0.251	0.263	0.238
gga-mir-101	576	0.991	0.993	1.000	0.989	0.936	0.970	0.838	0.232	0.258
gga-mir-103-1	756	0.067	1.000	0.985	0.091	0.966	0.930	0.360	0.248	0.241
gga-mir-103-2	466	0.000	1.000	0.979	0.164	0.966	0.941	0.427	0.221	0.219
gga-mir-106	466	0.009	1.000	0.902	0.006	0.966	0.846	0.211	0.210	0.187
gga-mir-107	476	0.208	1.000	0.980	0.164	0.966	0.939	0.026	0.272	0.241
gga-mir-10b	520	0.446	1.000	0.987	0.495	0.974	0.968	0.588	0.239	0.243
gga-mir-122a-1	486	0.000	1.000	0.994	0.059	0.982	0.963	0.603	0.307	0.315
gga-mir-122a-2	406	0.000	1.000	0.994	0.034	0.982	0.961	0.663	0.303	0.315
gga-mir-124a	400	0.667	0.973	0.915	0.316	0.964	0.927	0.459	0.354	0.347
gga-mir-124b-1	490	0.441	1.000	0.996	0.580	0.973	0.971	0.267	0.326	0.310
gga-mir-124b-2	410	0.485	1.000	0.987	0.671	0.963	0.963	0.215	0.326	0.309
gga-mir-125b	698	0.370	0.991	0.847	0.226	0.946	0.870	0.708	0.219	0.239
gga-mir-126	446	0.345	1.000	0.991	0.094	0.979	0.962	0.194	0.266	0.250
gga-mir-128-1	436	0.404	1.000	0.980	0.334	0.967	0.947	0.086	0.313	0.291
gga-mir-128-2	446	0.390	1.000	0.972	0.136	0.969	0.943	0.140	0.325	0.298
gga-mir-130a	456	0.533	1.000	0.991	0.401	0.967	0.956	0.290	0.253	0.245
gga-mir-130b	490	0.759	0.964	0.953	0.678	0.902	0.910	0.847	0.255	0.296
gga-mir-133a-1	442	0.000	1.000	0.917	0.057	0.977	0.926	0.478	0.295	0.293
gga-mir-133a-2	578	0.093	1.000	0.903	0.111	0.975	0.915	0.412	0.351	0.340
gga-mir-133b	446	0.099	1.000	0.946	0.123	0.971	0.913	0.525	0.274	0.277
gga-mir-133c	426	0.106	1.000	0.932	0.160	0.967	0.915	0.270	0.312	0.293
gga-mir-135a-1	432	0.000	1.000	0.990	0.374	0.978	0.972	0.033	0.318	0.280
gga-mir-135a-2	790	0.491	1.000	0.995	0.436	0.973	0.970	0.237	0.253	0.242
gga-mir-135a-3	420	0.452	1.000	0.991	0.680	0.966	0.968	0.839	0.257	0.273
gga-mir-137	448	0.000	1.000	0.985	0.168	0.975	0.958	0.550	0.253	0.257
gga-mir-138-1	400	0.048	1.000	0.940	0.005	0.980	0.936	0.069	0.323	0.290
gga-mir-138-2	466	0.582	0.970	0.905	0.192	0.939	0.868	0.199	0.265	0.228
gga-mir-140	412	0.527	1.000	0.990	0.737	0.963	0.966	0.728	0.263	0.273
gga-mir-142	432	0.542	1.000	0.987	0.420	0.969	0.962	0.953	0.182	0.209
gga-mir-144	448	0.132	1.000	0.961	0.178	0.966	0.924	0.724	0.247	0.263
gga-mir-146a	480	0.087	1.000	0.964	0.150	0.973	0.952	0.836	0.286	0.314
gga-mir-146b	640	0.145	1.000	0.913	0.216	0.966	0.929	0.514	0.286	0.283
gga-mir-147-1	772	0.009	1.000	0.887	0.031	0.956	0.851	0.325	0.338	0.310
gga-mir-147-2	772	0.009	1.000	0.887	0.031	0.956	0.851	0.325	0.338	0.310
gga-mir-148a	558	0.271	1.000	0.974	0.247	0.948	0.914	0.283	0.255	0.237
gga-mir-153	542	0.000	1.000	0.992	0.070	0.981	0.968	0.092	0.272	0.252
gga-mir-155	492	0.852	1.000	0.998	0.429	0.963	0.955	0.095	0.265	0.251

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
gga-mir-15a	446	0.056	1.000	0.943	0.062	0.972	0.918	0.291	0.297	0.277
gga-mir-15b	412	0.175	1.000	0.967	0.037	0.980	0.949	0.295	0.311	0.301
gga-mir-16-1	726	0.556	1.000	0.981	0.395	0.963	0.941	0.087	0.325	0.284
gga-mir-16-2	688	0.281	1.000	0.941	0.213	0.968	0.930	0.408	0.319	0.310
gga-mir-17	448	0.000	1.000	0.925	0.138	0.967	0.925	0.221	0.282	0.257
gga-mir-181a-1	360	0.006	1.000	0.762	0.008	0.976	0.882	0.535	0.282	0.280
gga-mir-181a-2	450	0.256	1.000	0.940	0.062	0.976	0.906	0.069	0.330	0.283
gga-mir-181b-1	432	0.123	1.000	0.975	0.050	0.981	0.955	0.040	0.371	0.331
gga-mir-181b-2	452	0.000	1.000	0.969	0.000	0.983	0.941	0.016	0.373	0.321
gga-mir-183	670	0.161	0.999	0.885	0.236	0.955	0.903	0.704	0.296	0.309
gga-mir-184	596	0.433	1.000	0.972	0.115	0.969	0.918	0.062	0.374	0.336
gga-mir-187	442	0.111	1.000	0.975	0.497	0.963	0.954	0.747	0.275	0.290
gga-mir-18a	512	0.537	0.859	0.762	0.516	0.876	0.865	0.627	0.237	0.249
gga-mir-18b	726	0.033	1.000	0.911	0.033	0.971	0.888	0.257	0.294	0.273
gga-mir-190	502	0.277	1.000	0.995	0.371	0.969	0.961	0.476	0.263	0.262
gga-mir-193	446	0.372	0.989	0.857	0.144	0.941	0.853	0.744	0.181	0.206
gga-mir-194	486	0.360	1.000	0.965	0.194	0.965	0.918	0.142	0.342	0.309
gga-mir-196-1	412	0.073	1.000	0.977	0.132	0.977	0.961	0.707	0.305	0.317
gga-mir-196-2	408	0.483	1.000	0.977	0.376	0.970	0.957	0.668	0.323	0.334
gga-mir-196-3	400	0.818	0.988	0.979	0.762	0.964	0.970	0.552	0.290	0.291
gga-mir-199-1	412	0.201	1.000	0.935	0.381	0.958	0.925	0.545	0.277	0.279
gga-mir-199-2	400	0.190	0.991	0.877	0.475	0.921	0.898	0.472	0.235	0.232
gga-mir-19a	736	0.000	1.000	0.987	0.361	0.962	0.952	0.737	0.226	0.243
gga-mir-19b	438	0.014	1.000	0.930	0.115	0.964	0.940	0.818	0.192	0.211
gga-mir-1a-1	436	0.482	1.000	0.995	0.063	0.972	0.954	0.124	0.282	0.258
gga-mir-1a-2	716	0.737	1.000	0.997	0.766	0.962	0.967	0.855	0.235	0.270
gga-mir-1b	492	0.463	1.000	0.982	0.108	0.965	0.925	0.237	0.307	0.287
gga-mir-200a	542	0.482	1.000	0.990	0.500	0.965	0.958	0.412	0.249	0.244
gga-mir-200b	446	0.076	1.000	0.881	0.081	0.973	0.895	0.447	0.373	0.362
gga-mir-202	428	0.243	1.000	0.983	0.197	0.977	0.964	0.198	0.270	0.259
gga-mir-203	480	0.502	0.999	0.962	0.485	0.966	0.953	0.562	0.293	0.294
gga-mir-204-1	190	0.584	0.987	0.944	0.216	0.972	0.944	0.011	0.358	0.300
gga-mir-204-2	550	0.002	1.000	0.890	0.020	0.973	0.913	0.124	0.323	0.289
gga-mir-205a	680	0.046	1.000	0.981	0.123	0.976	0.956	0.192	0.285	0.266
gga-mir-205b	490	0.051	1.000	0.934	0.040	0.981	0.931	0.160	0.361	0.331
gga-mir-206	586	0.483	1.000	0.998	0.387	0.971	0.964	0.540	0.303	0.303
gga-mir-20a	480	0.138	1.000	0.939	0.047	0.977	0.952	0.401	0.320	0.313
gga-mir-20b	448	0.469	1.000	0.984	0.511	0.965	0.956	0.920	0.275	0.303
gga-mir-21	410	0.917	0.952	0.983	0.355	0.975	0.967	0.680	0.296	0.305

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
gga-mir-211	496	0.000	1.000	0.939	0.144	0.959	0.917	0.666	0.198	0.212
gga-mir-215	640	0.020	1.000	0.806	0.009	0.976	0.868	0.160	0.267	0.232
gga-mir-216	530	0.072	1.000	0.940	0.098	0.979	0.945	0.119	0.374	0.339
gga-mir-217	440	0.295	0.973	0.769	0.272	0.945	0.894	0.134	0.336	0.291
gga-mir-218-1	660	0.250	0.999	0.928	0.319	0.967	0.938	0.849	0.254	0.291
gga-mir-218-2	462	0.182	1.000	0.924	0.153	0.971	0.927	0.046	0.375	0.325
gga-mir-218-3	660	0.250	0.999	0.928	0.319	0.967	0.938	0.849	0.254	0.291
gga-mir-219	548	0.000	1.000	0.985	0.332	0.961	0.942	0.935	0.208	0.246
gga-mir-221	490	0.043	1.000	0.844	0.083	0.961	0.893	0.514	0.279	0.278
gga-mir-222a	490	0.031	1.000	0.909	0.015	0.974	0.924	0.135	0.303	0.270
gga-mir-222b	456	0.202	1.000	0.961	0.113	0.969	0.922	0.154	0.394	0.347
gga-mir-223	660	0.848	0.865	0.921	0.581	0.942	0.932	0.716	0.297	0.314
gga-mir-23b	452	0.323	1.000	0.967	0.349	0.959	0.937	0.509	0.236	0.238
gga-mir-24	430	0.323	1.000	0.979	0.038	0.970	0.914	0.404	0.245	0.238
gga-mir-26a	756	0.442	1.000	0.998	0.703	0.960	0.960	0.578	0.251	0.254
gga-mir-27b	570	0.293	1.000	0.983	0.340	0.969	0.961	0.845	0.247	0.271
gga-mir-29a	532	0.000	1.000	0.944	0.106	0.971	0.932	0.572	0.277	0.282
gga-mir-29b-1	456	0.399	1.000	0.984	0.467	0.958	0.951	0.428	0.259	0.254
gga-mir-29b-2	476	0.250	1.000	0.985	0.316	0.962	0.946	0.146	0.300	0.272
gga-mir-29c	712	0.343	1.000	0.969	0.383	0.962	0.949	0.422	0.270	0.265
gga-mir-301	412	0.245	0.999	0.901	0.329	0.951	0.911	0.466	0.312	0.307
gga-mir-302a	658	0.158	1.000	0.970	0.158	0.960	0.906	0.443	0.264	0.259
gga-mir-302b	326	0.589	1.000	0.981	0.487	0.949	0.936	0.915	0.241	0.297
gga-mir-302c	572	0.000	1.000	0.998	0.115	0.974	0.954	0.534	0.277	0.279
gga-mir-302d	450	0.000	1.000	0.999	0.030	0.981	0.965	0.780	0.261	0.284
gga-mir-30a	326	0.390	1.000	0.991	0.310	0.968	0.954	0.509	0.250	0.252
gga-mir-30b	442	0.165	1.000	0.957	0.230	0.963	0.930	0.424	0.264	0.258
gga-mir-30c-1	528	0.000	1.000	0.945	0.060	0.969	0.924	0.525	0.262	0.262
gga-mir-30c-2	326	0.000	1.000	0.924	0.006	0.974	0.892	0.332	0.255	0.241
gga-mir-30d	562	0.000	1.000	0.986	0.218	0.972	0.944	0.767	0.302	0.321
gga-mir-30e	578	0.334	1.000	0.983	0.275	0.972	0.961	0.189	0.240	0.225
gga-mir-31	692	0.137	1.000	0.965	0.150	0.976	0.951	0.209	0.330	0.310
gga-mir-32	516	0.000	1.000	0.993	0.490	0.961	0.956	0.678	0.224	0.234
gga-mir-33	430	0.000	1.000	0.987	0.082	0.976	0.958	0.444	0.266	0.263
gga-mir-34a	410	0.132	1.000	0.934	0.064	0.976	0.942	0.410	0.263	0.258
gga-mir-34b	466	0.309	1.000	0.942	0.365	0.954	0.923	0.592	0.286	0.291
gga-mir-34c	496	0.363	1.000	0.955	0.554	0.934	0.910	0.123	0.275	0.249
gga-mir-365-1	726	0.556	1.000	0.988	0.402	0.957	0.946	0.075	0.298	0.267
gga-mir-365-2	578	0.519	0.993	0.936	0.365	0.955	0.932	0.301	0.285	0.270

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
gga-mir-367	426	0.425	1.000	0.989	0.373	0.967	0.948	0.430	0.324	0.319
gga-mir-375	572	0.213	1.000	0.985	0.114	0.971	0.933	0.860	0.246	0.270
gga-mir-383	426	0.047	1.000	0.972	0.200	0.958	0.916	0.114	0.256	0.232
gga-mir-429	466	0.116	1.000	0.976	0.192	0.964	0.930	0.280	0.230	0.220
gga-mir-449	452	0.215	1.000	0.889	0.197	0.959	0.902	0.734	0.213	0.231
gga-mir-451	450	0.000	1.000	0.995	0.663	0.964	0.964	0.799	0.280	0.293
gga-mir-455	442	0.249	1.000	0.962	0.322	0.961	0.933	0.783	0.240	0.258
gga-mir-456	400	0.507	0.957	0.915	0.575	0.914	0.899	0.172	0.262	0.233
gga-mir-460	418	0.124	1.000	0.852	0.250	0.954	0.894	0.116	0.337	0.299
gga-mir-466	450	0.993	0.595	0.990	0.997	0.692	0.956	0.940	0.242	0.273
gga-mir-489	546	0.247	1.000	0.996	0.310	0.968	0.956	0.970	0.190	0.225
gga-mir-490	412	0.141	1.000	0.965	0.073	0.976	0.955	0.017	0.305	0.264
gga-mir-499	512	0.719	0.993	0.975	0.603	0.961	0.955	0.794	0.256	0.271
gga-mir-7-1	430	0.507	0.999	0.978	0.482	0.968	0.963	0.176	0.251	0.241
gga-mir-7-2	560	0.059	1.000	0.921	0.182	0.965	0.918	0.417	0.229	0.224
gga-mir-7-3	412	0.218	1.000	0.964	0.272	0.971	0.948	0.563	0.298	0.301
gga-mir-757-1	552	0.587	0.813	0.762	0.590	0.832	0.845	0.810	0.248	0.300
gga-mir-757-2	552	0.587	0.813	0.762	0.590	0.832	0.845	0.810	0.248	0.300
gga-mir-757-3	746	0.721	0.671	0.780	0.688	0.789	0.835	0.745	0.251	0.292
gga-mir-7b-1	450	0.558	0.995	0.978	0.507	0.967	0.959	0.111	0.273	0.254
gga-mir-7b-2	370	0.935	0.763	0.948	0.735	0.939	0.942	0.389	0.261	0.255
gga-mir-9-1	428	0.442	1.000	0.990	0.680	0.964	0.963	0.909	0.239	0.261
gga-mir-9-2	438	0.000	1.000	0.992	0.259	0.976	0.967	0.769	0.234	0.248
gga-mir-92	476	0.571	1.000	0.987	0.491	0.961	0.947	0.580	0.244	0.250
gga-mir-99a	496	0.000	1.000	0.989	0.103	0.983	0.963	0.610	0.309	0.314
ggo-mir-100	1430	0.123	1.000	0.871	0.225	0.944	0.868	0.501	0.246	0.242
ggo-mir-101	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
ggo-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
ggo-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
ggo-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
ggo-mir-106b	1932	0.000	1.000	0.958	0.141	0.965	0.927	0.529	0.224	0.226
ggo-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
ggo-mir-10a	800	0.384	0.999	0.964	0.304	0.974	0.952	0.890	0.270	0.312
ggo-mir-10b	620	0.735	0.991	0.975	0.660	0.964	0.961	0.843	0.233	0.258
ggo-mir-124a	1330	0.000	1.000	0.967	0.153	0.978	0.962	0.381	0.294	0.287
ggo-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
ggo-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
ggo-mir-130a	1712	0.102	1.000	0.954	0.329	0.963	0.946	0.473	0.247	0.246
ggo-mir-133a	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ggo-mir-134	426	0.211	1.000	0.932	0.332	0.936	0.897	0.639	0.247	0.257
ggo-mir-135	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
ggo-mir-136	1380	0.000	1.000	0.982	0.078	0.981	0.964	0.631	0.280	0.287
ggo-mir-141	412	0.068	1.000	0.924	0.119	0.968	0.932	0.473	0.242	0.241
ggo-mir-143	1480	0.271	0.997	0.895	0.253	0.966	0.933	0.406	0.267	0.261
ggo-mir-145	2168	0.049	1.000	0.936	0.166	0.970	0.928	0.572	0.269	0.274
ggo-mir-153	2636	0.000	1.000	0.987	0.008	0.982	0.961	0.057	0.287	0.261
ggo-mir-154	1610	0.609	1.000	0.983	0.558	0.958	0.954	0.726	0.238	0.256
ggo-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
ggo-mir-15b	2230	0.197	1.000	0.899	0.100	0.971	0.921	0.055	0.296	0.262
ggo-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
ggo-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
ggo-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
ggo-mir-181a-1	520	0.004	1.000	0.733	0.006	0.974	0.870	0.065	0.273	0.230
ggo-mir-181a-2	410	0.105	1.000	0.974	0.034	0.982	0.959	0.015	0.309	0.272
ggo-mir-181b	470	0.332	0.999	0.939	0.209	0.970	0.937	0.332	0.318	0.296
ggo-mir-181c	440	0.661	0.681	0.734	0.338	0.932	0.886	0.882	0.209	0.262
ggo-mir-183	680	0.550	0.956	0.879	0.525	0.941	0.919	0.672	0.248	0.260
ggo-mir-186	1770	0.223	1.000	0.989	0.434	0.971	0.965	0.698	0.252	0.267
ggo-mir-187	1270	0.789	0.790	0.869	0.406	0.927	0.889	0.609	0.214	0.224
ggo-mir-190	2060	0.367	1.000	0.982	0.332	0.962	0.944	0.366	0.263	0.255
ggo-mir-194	2312	0.061	1.000	0.979	0.254	0.967	0.948	0.761	0.220	0.236
ggo-mir-195	722	0.584	0.999	0.970	0.590	0.948	0.937	0.994	0.192	0.273
ggo-mir-196-1	1372	0.000	1.000	0.963	0.077	0.967	0.913	0.690	0.224	0.238
ggo-mir-196-2	680	0.959	0.824	0.975	0.688	0.966	0.969	0.455	0.233	0.233
ggo-mir-198	756	0.803	0.821	0.893	0.714	0.826	0.861	0.330	0.306	0.281
ggo-mir-199a	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
ggo-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
ggo-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
ggo-mir-19b-2	2394	0.824	0.993	0.981	0.817	0.955	0.964	0.938	0.233	0.261
ggo-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
ggo-mir-200c	478	0.416	1.000	0.984	0.461	0.949	0.928	0.743	0.224	0.239
ggo-mir-204	490	0.018	1.000	0.913	0.124	0.968	0.931	0.043	0.318	0.264
ggo-mir-205	520	0.037	1.000	0.934	0.029	0.981	0.952	0.017	0.382	0.329
ggo-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
ggo-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
ggo-mir-215	490	0.876	0.387	0.733	0.422	0.903	0.884	0.222	0.352	0.312
ggo-mir-216	440	0.923	0.616	0.897	0.809	0.890	0.921	0.901	0.233	0.280
ggo-mir-217	370	0.081	0.999	0.846	0.119	0.969	0.909	0.059	0.297	0.255

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ggo-mir-218	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
ggo-mir-219	770	0.327	1.000	0.942	0.114	0.973	0.932	0.125	0.276	0.217
ggo-mir-220	410	0.907	0.415	0.754	0.841	0.749	0.834	0.749	0.185	0.213
ggo-mir-221	680	0.050	0.998	0.750	0.033	0.964	0.890	0.176	0.279	0.251
ggo-mir-223	440	0.002	1.000	0.911	0.067	0.972	0.937	0.245	0.291	0.271
ggo-mir-224	2062	0.091	1.000	0.934	0.253	0.959	0.930	0.515	0.230	0.232
ggo-mir-23a	2282	0.749	0.997	0.983	0.515	0.951	0.935	0.770	0.247	0.263
ggo-mir-24	1720	0.806	0.919	0.930	0.897	0.782	0.889	0.687	0.242	0.256
ggo-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
ggo-mir-26a	2152	0.984	0.966	0.998	0.962	0.933	0.965	0.953	0.203	0.239
ggo-mir-27a	1480	0.051	1.000	0.941	0.049	0.967	0.903	0.474	0.226	0.225
ggo-mir-28	1774	0.237	1.000	0.997	0.208	0.973	0.964	0.218	0.252	0.237
ggo-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
ggo-mir-29b-1	2242	0.551	1.000	0.984	0.712	0.952	0.956	0.519	0.267	0.269
ggo-mir-29b-2	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
ggo-mir-30a	1750	0.527	1.000	0.989	0.119	0.970	0.950	0.069	0.277	0.240
ggo-mir-30b	432	0.086	1.000	0.967	0.174	0.969	0.940	0.750	0.261	0.278
ggo-mir-30d	1680	0.000	1.000	0.981	0.266	0.966	0.940	0.540	0.290	0.294
ggo-mir-31	2312	0.000	1.000	0.976	0.085	0.973	0.940	0.418	0.277	0.273
ggo-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
ggo-mir-33	1400	0.000	1.000	0.974	0.059	0.974	0.948	0.167	0.251	0.230
ggo-mir-34a	440	0.018	1.000	0.888	0.006	0.978	0.931	0.227	0.248	0.232
ggo-mir-7-1	1020	0.340	1.000	0.973	0.343	0.971	0.963	0.062	0.258	0.240
ggo-mir-7-2	410	0.439	0.997	0.939	0.115	0.976	0.923	0.380	0.279	0.268
ggo-mir-7-3	520	0.746	0.885	0.889	0.299	0.956	0.919	0.223	0.267	0.251
ggo-mir-9	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
ggo-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
ggo-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
ggo-mir-93	868	0.158	1.000	0.944	0.140	0.964	0.929	0.344	0.250	0.241
ggo-mir-95	1686	0.619	1.000	0.994	0.701	0.964	0.965	0.933	0.251	0.276
ggo-mir-96	1776	0.033	1.000	0.952	0.084	0.968	0.919	0.593	0.274	0.280
ggo-mir-98	1550	0.227	1.000	0.984	0.184	0.958	0.937	0.274	0.329	0.301
ggo-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
gma-MIR156a	490	0.198	0.999	0.947	0.312	0.970	0.959	0.502	0.265	0.267
gma-MIR156b	145	0.600	0.955	0.911	0.103	0.976	0.952	0.062	0.306	0.275
gma-MIR156c	400	0.765	0.182	0.400	0.517	0.872	0.861	0.625	0.227	0.240
gma-MIR156d	410	0.202	0.974	0.889	0.390	0.962	0.957	0.451	0.236	0.192
gma-MIR156e	490	0.827	0.722	0.861	0.478	0.949	0.938	0.184	0.231	0.215
gma-MIR159	490	0.167	0.984	0.823	0.051	0.988	0.967	0.567	0.277	0.280

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
gma-MIR160	430	0.928	0.913	0.976	0.835	0.958	0.969	0.793	0.238	0.251
gma-MIR166a	700	0.189	0.999	0.921	0.030	0.986	0.954	0.243	0.306	0.288
gma-MIR166b	400	0.000	0.984	0.978	0.000	0.980	0.970	0.000	0.295	0.000
gma-MIR167a	400	0.133	1.000	0.950	0.040	0.981	0.950	0.253	0.283	0.268
gma-MIR167b	320	0.144	0.997	0.916	0.031	0.975	0.937	0.106	0.264	0.232
gma-MIR168	410	0.815	0.954	0.968	0.673	0.966	0.964	0.683	0.220	0.231
gma-MIR169	380	0.611	0.965	0.918	0.645	0.950	0.948	0.908	0.204	0.244
gma-MIR172a	510	0.680	0.515	0.644	0.061	0.962	0.926	0.016	0.270	0.213
gma-MIR172b	700	0.487	0.960	0.881	0.259	0.972	0.959	0.130	0.257	0.236
gma-MIR319a	400	0.085	0.999	0.900	0.110	0.989	0.975	0.855	0.250	0.268
gma-MIR319b	490	0.437	0.884	0.765	0.031	0.986	0.943	0.549	0.237	0.239
gma-MIR319c	410	0.078	0.990	0.797	0.002	0.989	0.965	0.020	0.273	0.238
gma-MIR396a	490	0.216	0.997	0.914	0.329	0.973	0.964	0.120	0.281	0.251
gma-MIR396b	700	0.083	0.998	0.911	0.069	0.974	0.958	0.164	0.272	0.245
gma-MIR398a	420	0.281	1.000	0.979	0.238	0.978	0.967	0.233	0.310	0.297
gma-MIR398b	510	0.469	0.991	0.945	0.380	0.973	0.966	0.365	0.262	0.255
hcmv-mir-UL112	558	0.253	1.000	0.967	0.093	0.967	0.919	0.013	0.279	0.239
hcmv-mir-UL148D	326	0.000	1.000	0.916	0.030	0.972	0.908	0.736	0.259	0.276
hcmv-mir-UL22A	450	0.000	1.000	0.909	0.071	0.959	0.876	0.359	0.245	0.231
hcmv-mir-UL36	766	0.000	1.000	0.998	0.809	0.951	0.960	0.671	0.191	0.203
hcmv-mir-UL70	478	0.291	1.000	0.974	0.565	0.928	0.920	0.457	0.247	0.244
hcmv-mir-US25-1	496	0.069	1.000	0.917	0.099	0.951	0.871	0.381	0.233	0.222
hcmv-mir-US25-2	418	0.591	0.996	0.972	0.385	0.954	0.940	0.154	0.281	0.259
hcmv-mir-US33	436	0.273	1.000	0.981	0.441	0.951	0.922	0.519	0.233	0.236
hcmv-mir-US4	546	0.544	0.993	0.926	0.577	0.936	0.928	0.956	0.179	0.222
hcmv-mir-US5-1	458	0.450	1.000	0.995	0.024	0.978	0.952	0.189	0.278	0.259
hcmv-mir-US5-2	572	0.159	1.000	0.968	0.207	0.946	0.896	0.386	0.251	0.244
hsa-let-7a-1	530	0.358	1.000	0.994	0.332	0.957	0.947	0.560	0.221	0.229
hsa-let-7a-2	326	0.187	1.000	0.972	0.079	0.963	0.912	0.172	0.236	0.210
hsa-let-7a-3	516	0.417	1.000	0.995	0.276	0.956	0.941	0.834	0.230	0.267
hsa-let-7b	400	0.340	1.000	0.997	0.122	0.974	0.958	0.198	0.253	0.233
hsa-let-7c	532	0.186	1.000	0.966	0.253	0.960	0.928	0.410	0.210	0.207
hsa-let-7d	400	0.000	1.000	0.990	0.130	0.970	0.953	0.610	0.215	0.200
hsa-let-7e	496	0.399	1.000	0.992	0.224	0.963	0.941	0.481	0.215	0.215
hsa-let-7f-1	1314	0.153	1.000	0.995	0.124	0.972	0.957	0.322	0.284	0.269
hsa-let-7f-2	770	0.169	1.000	0.997	0.317	0.961	0.949	0.704	0.217	0.223
hsa-let-7g	726	0.052	1.000	0.983	0.093	0.969	0.942	0.004	0.290	0.234
hsa-let-7i	1064	0.028	1.000	0.967	0.157	0.954	0.931	0.414	0.250	0.243
hsa-mir-1-1	426	0.279	1.000	0.999	0.345	0.962	0.953	0.250	0.263	0.248

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-1-2	900	0.689	1.000	0.999	0.704	0.967	0.970	0.860	0.235	0.269
hsa-mir-100	1430	0.123	1.000	0.871	0.225	0.944	0.868	0.501	0.246	0.242
hsa-mir-101-1	1208	0.000	1.000	0.995	0.247	0.972	0.960	0.423	0.307	0.301
hsa-mir-101-2	592	0.895	0.998	0.995	0.883	0.943	0.957	0.869	0.207	0.240
hsa-mir-103-1	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
hsa-mir-103-2	496	0.198	1.000	0.970	0.291	0.950	0.916	0.799	0.235	0.260
hsa-mir-105-1	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
hsa-mir-105-2	466	0.809	1.000	0.997	0.628	0.966	0.965	0.616	0.272	0.277
hsa-mir-106a	466	0.348	1.000	0.991	0.219	0.968	0.949	0.309	0.243	0.234
hsa-mir-106b	1932	0.000	1.000	0.958	0.141	0.965	0.927	0.529	0.224	0.226
hsa-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
hsa-mir-10a	800	0.384	0.999	0.964	0.304	0.974	0.952	0.890	0.270	0.312
hsa-mir-10b	480	0.394	1.000	0.990	0.163	0.983	0.973	0.325	0.276	0.270
hsa-mir-122a	716	0.000	1.000	0.995	0.299	0.980	0.973	0.452	0.251	0.248
hsa-mir-124a-1	2056	0.000	1.000	0.950	0.152	0.976	0.940	0.224	0.325	0.305
hsa-mir-124a-2	1330	0.000	1.000	0.967	0.153	0.978	0.962	0.381	0.294	0.287
hsa-mir-124a-3	980	0.373	1.000	0.955	0.320	0.961	0.930	0.643	0.249	0.258
hsa-mir-125a	718	0.029	1.000	0.859	0.018	0.975	0.877	0.192	0.260	0.232
hsa-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
hsa-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
hsa-mir-126	552	0.000	1.000	0.986	0.028	0.978	0.948	0.090	0.255	0.231
hsa-mir-127	2390	0.842	0.417	0.750	0.553	0.894	0.880	0.618	0.261	0.270
hsa-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
hsa-mir-128b	466	0.914	0.896	0.969	0.631	0.943	0.939	0.038	0.298	0.255
hsa-mir-129-1	326	0.064	1.000	0.902	0.251	0.948	0.894	0.596	0.208	0.216
hsa-mir-129-2	432	0.000	1.000	0.936	0.132	0.972	0.947	0.322	0.278	0.265
hsa-mir-130a	1712	0.102	1.000	0.954	0.329	0.963	0.946	0.473	0.247	0.246
hsa-mir-130b	476	0.761	0.997	0.978	0.657	0.954	0.950	0.891	0.228	0.254
hsa-mir-132	470	0.123	1.000	0.916	0.008	0.981	0.926	0.014	0.290	0.240
hsa-mir-133a-1	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294
hsa-mir-133a-2	830	0.039	1.000	0.925	0.025	0.981	0.925	0.283	0.275	0.261
hsa-mir-133b	400	0.290	0.952	0.864	0.215	0.951	0.909	0.487	0.182	0.182
hsa-mir-134	1304	0.169	1.000	0.904	0.296	0.936	0.894	0.594	0.251	0.258
hsa-mir-135a-1	1254	0.000	1.000	0.992	0.196	0.980	0.970	0.170	0.285	0.266
hsa-mir-135a-2	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
hsa-mir-135b	680	0.582	1.000	0.992	0.722	0.969	0.972	0.976	0.261	0.301
hsa-mir-136	1380	0.000	1.000	0.982	0.078	0.981	0.964	0.631	0.280	0.287
hsa-mir-137	590	0.164	1.000	0.979	0.238	0.972	0.956	0.413	0.225	0.222
hsa-mir-138-1	850	0.000	1.000	0.990	0.120	0.981	0.968	0.307	0.263	0.254

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-138-2	456	0.669	0.978	0.954	0.360	0.949	0.920	0.253	0.254	0.236
hsa-mir-139	1862	0.293	1.000	0.985	0.184	0.966	0.940	0.193	0.289	0.275
hsa-mir-140	760	0.076	1.000	0.991	0.158	0.975	0.965	0.341	0.253	0.248
hsa-mir-141	412	0.036	1.000	0.909	0.072	0.966	0.915	0.540	0.232	0.233
hsa-mir-142	1326	0.000	1.000	0.988	0.548	0.971	0.967	0.902	0.199	0.225
hsa-mir-143	1480	0.271	0.997	0.895	0.253	0.966	0.933	0.406	0.267	0.261
hsa-mir-144	452	0.914	0.994	0.992	0.601	0.965	0.963	0.753	0.244	0.255
hsa-mir-145	2168	0.049	1.000	0.936	0.166	0.970	0.928	0.572	0.269	0.274
hsa-mir-146a	490	0.173	1.000	0.961	0.139	0.970	0.944	0.556	0.253	0.256
hsa-mir-146b	426	0.120	1.000	0.972	0.217	0.960	0.931	0.475	0.224	0.222
hsa-mir-147	326	0.006	1.000	0.836	0.001	0.971	0.866	0.274	0.287	0.257
hsa-mir-148a	810	0.178	1.000	0.954	0.216	0.945	0.912	0.107	0.250	0.216
hsa-mir-148b	480	0.321	0.993	0.902	0.192	0.959	0.907	0.070	0.286	0.250
hsa-mir-149	428	0.402	0.995	0.883	0.339	0.945	0.899	0.799	0.202	0.221
hsa-mir-150	726	0.000	1.000	0.976	0.365	0.968	0.957	0.532	0.222	0.224
hsa-mir-151	400	0.000	1.000	0.996	0.025	0.985	0.969	0.062	0.319	0.293
hsa-mir-152	442	0.195	0.999	0.934	0.098	0.966	0.936	0.131	0.261	0.234
hsa-mir-153-1	1686	0.000	1.000	0.992	0.022	0.981	0.967	0.252	0.252	0.243
hsa-mir-153-2	2636	0.000	1.000	0.987	0.008	0.982	0.961	0.057	0.287	0.261
hsa-mir-154	1610	0.609	1.000	0.983	0.558	0.958	0.954	0.726	0.238	0.256
hsa-mir-155	472	0.000	1.000	0.987	0.062	0.973	0.952	0.773	0.215	0.229
hsa-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
hsa-mir-15b	2230	0.197	1.000	0.899	0.100	0.971	0.921	0.055	0.296	0.262
hsa-mir-16-1	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
hsa-mir-16-2	476	0.494	1.000	0.970	0.500	0.954	0.937	0.420	0.267	0.263
hsa-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
hsa-mir-181a-1	520	0.010	1.000	0.754	0.013	0.975	0.875	0.092	0.270	0.233
hsa-mir-181a-2	410	0.180	1.000	0.978	0.156	0.977	0.961	0.117	0.291	0.267
hsa-mir-181b-1	470	0.332	0.999	0.939	0.209	0.970	0.937	0.332	0.318	0.296
hsa-mir-181b-2	428	0.000	1.000	0.958	0.006	0.980	0.941	0.010	0.356	0.305
hsa-mir-181c	440	0.661	0.681	0.734	0.338	0.932	0.886	0.882	0.209	0.262
hsa-mir-181d	410	0.971	0.548	0.909	0.649	0.936	0.933	0.185	0.238	0.220
hsa-mir-182	340	0.532	0.954	0.903	0.185	0.956	0.905	0.576	0.245	0.253
hsa-mir-183	680	0.550	0.956	0.879	0.525	0.941	0.919	0.672	0.248	0.260
hsa-mir-184	798	0.598	0.999	0.980	0.659	0.955	0.953	0.801	0.230	0.243
hsa-mir-185	476	0.273	1.000	0.981	0.331	0.970	0.951	0.732	0.240	0.252
hsa-mir-186	1770	0.223	1.000	0.989	0.434	0.971	0.965	0.698	0.252	0.267
hsa-mir-187	1270	0.789	0.790	0.869	0.406	0.927	0.889	0.609	0.214	0.224
hsa-mir-188	1325	0.288	0.997	0.888	0.242	0.943	0.882	0.576	0.233	0.237

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-18a	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
hsa-mir-18b	436	0.094	1.000	0.876	0.224	0.922	0.843	0.672	0.211	0.227
hsa-mir-190	2060	0.367	1.000	0.982	0.332	0.962	0.944	0.366	0.263	0.255
hsa-mir-191	412	0.066	1.000	0.939	0.237	0.968	0.941	0.744	0.236	0.250
hsa-mir-192	510	0.871	0.754	0.885	0.541	0.928	0.910	0.720	0.273	0.296
hsa-mir-193a	438	0.000	1.000	0.931	0.039	0.978	0.940	0.476	0.311	0.308
hsa-mir-193b	476	0.000	1.000	0.968	0.235	0.963	0.930	0.754	0.225	0.243
hsa-mir-194-1	2312	0.061	1.000	0.979	0.254	0.967	0.948	0.761	0.220	0.236
hsa-mir-194-2	490	0.796	0.995	0.992	0.700	0.937	0.945	0.541	0.267	0.267
hsa-mir-195	880	0.000	1.000	0.984	0.329	0.971	0.954	0.978	0.230	0.288
hsa-mir-196a-1	1372	0.000	1.000	0.963	0.077	0.967	0.913	0.690	0.224	0.238
hsa-mir-196a-2	680	0.959	0.824	0.975	0.688	0.966	0.969	0.455	0.233	0.233
hsa-mir-196b	546	0.593	1.000	0.996	0.472	0.970	0.964	0.036	0.321	0.290
hsa-mir-197	1550	0.168	1.000	0.974	0.214	0.968	0.939	0.480	0.253	0.252
hsa-mir-198	756	0.803	0.821	0.893	0.714	0.826	0.861	0.330	0.306	0.281
hsa-mir-199a-1	506	0.209	1.000	0.964	0.195	0.950	0.902	0.482	0.221	0.219
hsa-mir-199a-2	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
hsa-mir-199b	700	0.274	0.998	0.949	0.156	0.969	0.938	0.321	0.252	0.240
hsa-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
hsa-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
hsa-mir-19b-2	2394	0.824	0.993	0.981	0.817	0.955	0.964	0.938	0.233	0.261
hsa-mir-200a	702	0.000	1.000	0.988	0.203	0.966	0.949	0.438	0.267	0.262
hsa-mir-200b	412	0.228	0.993	0.787	0.144	0.956	0.874	0.580	0.246	0.248
hsa-mir-200c	1078	0.365	1.000	0.983	0.532	0.942	0.924	0.768	0.225	0.245
hsa-mir-202	400	0.263	1.000	0.991	0.188	0.979	0.971	0.005	0.267	0.233
hsa-mir-203	490	0.606	0.998	0.988	0.624	0.968	0.969	0.727	0.218	0.227
hsa-mir-204	490	0.018	1.000	0.913	0.124	0.968	0.931	0.043	0.318	0.264
hsa-mir-205	520	0.037	1.000	0.934	0.029	0.981	0.952	0.017	0.382	0.329
hsa-mir-206	1336	0.269	1.000	0.997	0.252	0.972	0.965	0.172	0.233	0.219
hsa-mir-208	426	0.547	0.999	0.966	0.084	0.974	0.938	0.077	0.291	0.264
hsa-mir-20a	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
hsa-mir-20b	450	0.000	1.000	0.986	0.423	0.958	0.942	0.186	0.300	0.280
hsa-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
hsa-mir-210	510	0.073	1.000	0.932	0.098	0.977	0.935	0.114	0.261	0.239
hsa-mir-211	400	0.172	0.996	0.918	0.260	0.957	0.926	0.090	0.267	0.231
hsa-mir-212	450	0.022	1.000	0.833	0.029	0.968	0.870	0.118	0.267	0.227
hsa-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
hsa-mir-215	410	0.159	0.993	0.873	0.215	0.950	0.901	0.617	0.282	0.291
hsa-mir-216	440	0.923	0.616	0.897	0.809	0.890	0.921	0.901	0.233	0.280

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-217	370	0.081	0.999	0.846	0.119	0.969	0.909	0.059	0.297	0.255
hsa-mir-218-1	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
hsa-mir-218-2	1300	0.435	0.996	0.926	0.226	0.969	0.933	0.638	0.248	0.259
hsa-mir-219-1	770	0.327	1.000	0.942	0.114	0.973	0.932	0.125	0.276	0.217
hsa-mir-219-2	410	0.422	1.000	0.975	0.303	0.971	0.953	0.648	0.230	0.237
hsa-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
hsa-mir-220	490	0.741	0.961	0.947	0.700	0.940	0.941	0.696	0.218	0.228
hsa-mir-221	680	0.050	0.998	0.750	0.033	0.964	0.890	0.176	0.279	0.251
hsa-mir-222	400	0.000	1.000	0.975	0.022	0.982	0.953	0.125	0.300	0.272
hsa-mir-223	440	0.002	1.000	0.911	0.067	0.972	0.937	0.245	0.291	0.271
hsa-mir-224	2062	0.091	1.000	0.934	0.253	0.959	0.930	0.515	0.230	0.232
hsa-mir-23a	2282	0.749	0.997	0.983	0.515	0.951	0.935	0.770	0.247	0.263
hsa-mir-23b	1610	0.229	0.995	0.868	0.249	0.949	0.899	0.322	0.244	0.230
hsa-mir-24-1	1806	0.236	1.000	0.964	0.003	0.976	0.910	0.145	0.309	0.274
hsa-mir-24-2	1720	0.806	0.919	0.930	0.897	0.782	0.889	0.687	0.242	0.256
hsa-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
hsa-mir-26a-1	2152	0.984	0.966	0.998	0.962	0.933	0.965	0.953	0.203	0.239
hsa-mir-26a-2	898	0.000	1.000	0.980	0.111	0.977	0.949	0.864	0.242	0.276
hsa-mir-26b	586	0.000	1.000	0.992	0.106	0.975	0.954	0.138	0.255	0.238
hsa-mir-27a	1480	0.051	1.000	0.941	0.049	0.967	0.903	0.474	0.226	0.225
hsa-mir-27b	910	0.222	1.000	0.969	0.477	0.961	0.956	0.837	0.230	0.253
hsa-mir-28	1774	0.237	1.000	0.997	0.208	0.973	0.964	0.218	0.252	0.237
hsa-mir-296	466	0.616	0.999	0.981	0.757	0.942	0.947	0.811	0.242	0.261
hsa-mir-299	492	0.000	1.000	1.000	0.241	0.978	0.973	0.496	0.254	0.255
hsa-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
hsa-mir-29b-1	2242	0.551	1.000	0.984	0.712	0.952	0.956	0.519	0.267	0.269
hsa-mir-29b-2	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
hsa-mir-29c	1728	0.573	0.999	0.971	0.537	0.956	0.949	0.689	0.254	0.265
hsa-mir-301	718	0.210	1.000	0.920	0.286	0.957	0.917	0.360	0.279	0.269
hsa-mir-302a	530	0.000	1.000	0.999	0.815	0.964	0.969	0.115	0.285	0.269
hsa-mir-302b	606	0.000	1.000	0.933	0.048	0.963	0.889	0.408	0.283	0.273
hsa-mir-302c	810	0.000	1.000	0.995	0.147	0.969	0.945	0.840	0.221	0.248
hsa-mir-302d	710	0.703	1.000	0.998	0.540	0.955	0.950	0.716	0.211	0.227
hsa-mir-30a	1750	0.527	1.000	0.989	0.119	0.970	0.950	0.069	0.277	0.240
hsa-mir-30b	2156	0.000	1.000	0.969	0.210	0.967	0.940	0.716	0.261	0.277
hsa-mir-30c-1	428	0.390	0.995	0.874	0.330	0.941	0.897	0.901	0.206	0.248
hsa-mir-30c-2	1304	0.000	1.000	0.932	0.001	0.979	0.902	0.300	0.324	0.302
hsa-mir-30d	1680	0.000	1.000	0.981	0.266	0.966	0.940	0.540	0.290	0.294
hsa-mir-30e	692	0.000	1.000	0.984	0.093	0.979	0.960	0.053	0.257	0.229

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-31	2312	0.000	1.000	0.976	0.085	0.973	0.940	0.418	0.277	0.273
hsa-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
hsa-mir-320	456	0.000	1.000	0.989	0.293	0.972	0.960	0.241	0.285	0.272
hsa-mir-323	438	0.009	1.000	0.851	0.047	0.968	0.897	0.217	0.322	0.295
hsa-mir-324	506	0.077	1.000	0.870	0.140	0.957	0.883	0.215	0.285	0.259
hsa-mir-325	490	0.720	0.901	0.870	0.728	0.913	0.928	0.750	0.286	0.305
hsa-mir-326	410	0.312	0.999	0.957	0.565	0.949	0.942	0.602	0.260	0.266
hsa-mir-328	486	0.267	1.000	0.961	0.346	0.952	0.923	0.276	0.267	0.250
hsa-mir-329-1	756	0.442	0.999	0.951	0.465	0.944	0.926	0.700	0.237	0.253
hsa-mir-329-2	456	0.401	0.999	0.935	0.393	0.952	0.929	0.672	0.250	0.261
hsa-mir-33	1400	0.000	1.000	0.974	0.059	0.974	0.948	0.167	0.251	0.230
hsa-mir-330	512	0.127	0.997	0.839	0.122	0.955	0.896	0.178	0.280	0.248
hsa-mir-331	412	0.532	0.999	0.970	0.744	0.951	0.955	0.675	0.326	0.339
hsa-mir-335	412	0.000	1.000	0.988	0.126	0.980	0.966	0.385	0.301	0.296
hsa-mir-337	692	0.601	0.999	0.972	0.357	0.970	0.949	0.133	0.308	0.290
hsa-mir-338	478	0.272	1.000	0.979	0.518	0.944	0.926	0.949	0.199	0.260
hsa-mir-339	450	0.322	1.000	0.965	0.260	0.974	0.936	0.024	0.291	0.258
hsa-mir-33b	680	0.537	0.993	0.933	0.396	0.961	0.942	0.485	0.257	0.257
hsa-mir-340	502	0.201	1.000	0.946	0.123	0.978	0.948	0.558	0.305	0.307
hsa-mir-342	560	0.059	1.000	0.875	0.229	0.959	0.927	0.404	0.300	0.290
hsa-mir-345	570	0.000	1.000	0.971	0.064	0.982	0.957	0.403	0.320	0.313
hsa-mir-346	450	0.000	0.964	0.957	1.000	0.825	0.845	0.000	0.271	0.000
hsa-mir-34a	440	0.018	1.000	0.888	0.006	0.978	0.931	0.227	0.248	0.232
hsa-mir-34b	496	0.246	1.000	0.939	0.159	0.969	0.923	0.449	0.278	0.272
hsa-mir-34c	406	0.227	1.000	0.976	0.060	0.976	0.939	0.428	0.255	0.252
hsa-mir-361	326	0.000	1.000	0.946	0.047	0.970	0.911	0.409	0.287	0.279
hsa-mir-362	572	0.000	1.000	0.987	0.053	0.966	0.925	0.062	0.282	0.244
hsa-mir-363	586	0.109	1.000	0.965	0.162	0.966	0.929	0.168	0.289	0.260
hsa-mir-365-1	876	0.727	0.994	0.971	0.544	0.948	0.940	0.270	0.295	0.279
hsa-mir-365-2	430	0.749	0.899	0.915	0.500	0.950	0.931	0.535	0.279	0.281
hsa-mir-367	600	0.000	1.000	0.994	0.357	0.968	0.954	0.504	0.275	0.276
hsa-mir-368	838	0.245	1.000	0.983	0.478	0.953	0.932	0.814	0.258	0.287
hsa-mir-369	516	0.000	1.000	0.994	0.148	0.976	0.957	0.211	0.324	0.303
hsa-mir-370	406	0.062	1.000	0.818	0.090	0.947	0.853	0.535	0.240	0.240
hsa-mir-371	558	0.000	1.000	0.992	0.283	0.974	0.965	0.684	0.244	0.251
hsa-mir-372	838	0.326	1.000	0.980	0.398	0.943	0.917	0.798	0.249	0.277
hsa-mir-373	450	0.618	1.000	0.997	0.798	0.958	0.964	0.328	0.290	0.278
hsa-mir-374	326	0.000	1.000	1.000	0.372	0.977	0.973	0.661	0.236	0.242
hsa-mir-375	784	0.226	0.999	0.913	0.367	0.906	0.864	0.293	0.286	0.264

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-376a-1	530	0.066	1.000	0.942	0.142	0.953	0.884	0.844	0.225	0.263
hsa-mir-376a-2	466	0.210	1.000	0.995	0.277	0.972	0.961	0.958	0.204	0.233
hsa-mir-376b	560	0.177	1.000	0.970	0.528	0.963	0.959	0.959	0.207	0.248
hsa-mir-377	530	0.225	1.000	0.982	0.154	0.963	0.936	0.017	0.290	0.244
hsa-mir-378	558	0.767	1.000	0.997	0.805	0.941	0.951	0.632	0.268	0.275
hsa-mir-379	458	0.000	1.000	0.988	0.207	0.964	0.934	0.338	0.249	0.240
hsa-mir-380	464	0.000	1.000	0.983	0.334	0.963	0.939	0.131	0.301	0.283
hsa-mir-381	622	0.277	1.000	0.994	0.356	0.965	0.950	0.866	0.218	0.242
hsa-mir-382	406	0.677	1.000	0.993	0.420	0.961	0.950	0.201	0.263	0.248
hsa-mir-383	426	0.021	1.000	0.946	0.084	0.964	0.899	0.087	0.283	0.246
hsa-mir-384	438	0.269	0.976	0.756	0.634	0.824	0.844	0.718	0.212	0.244
hsa-mir-409	496	0.163	1.000	0.953	0.183	0.963	0.916	0.355	0.270	0.260
hsa-mir-410	466	0.000	1.000	0.947	0.045	0.974	0.922	0.688	0.233	0.245
hsa-mir-411	400	0.172	0.998	0.834	0.069	0.966	0.877	0.244	0.333	0.309
hsa-mir-412	692	0.942	0.799	0.958	0.825	0.903	0.933	0.848	0.267	0.292
hsa-mir-421	452	0.000	1.000	0.954	0.089	0.974	0.941	0.075	0.345	0.312
hsa-mir-422a	698	0.168	0.999	0.878	0.123	0.958	0.886	0.438	0.267	0.258
hsa-mir-423	412	0.019	1.000	0.948	0.001	0.984	0.952	0.050	0.365	0.332
hsa-mir-424	470	0.140	1.000	0.966	0.069	0.984	0.961	0.050	0.405	0.359
hsa-mir-425	510	0.749	0.933	0.933	0.722	0.884	0.899	0.755	0.245	0.275
hsa-mir-429	466	0.000	1.000	0.983	0.576	0.970	0.964	0.912	0.285	0.314
hsa-mir-431	530	1.000	0.100	0.921	0.998	0.679	0.934	0.977	0.225	0.305
hsa-mir-432	412	0.017	1.000	0.915	0.007	0.976	0.916	0.359	0.220	0.212
hsa-mir-433	916	0.877	0.818	0.929	0.783	0.890	0.912	0.877	0.204	0.247
hsa-mir-448	700	0.637	0.990	0.968	0.654	0.955	0.956	0.440	0.276	0.273
hsa-mir-449	422	0.647	0.999	0.984	0.536	0.966	0.960	0.990	0.216	0.263
hsa-mir-449b	402	0.709	0.726	0.781	0.294	0.931	0.867	0.250	0.309	0.282
hsa-mir-450-1	412	0.000	1.000	0.981	0.007	0.986	0.968	0.062	0.355	0.328
hsa-mir-450-2	480	0.135	1.000	0.975	0.086	0.985	0.969	0.340	0.360	0.347
hsa-mir-451	326	0.000	1.000	0.999	0.422	0.978	0.975	0.244	0.273	0.266
hsa-mir-452	448	0.377	1.000	0.959	0.091	0.978	0.947	0.526	0.255	0.257
hsa-mir-453	490	0.000	0.821	0.785	0.000	0.838	0.809	0.000	0.254	0.000
hsa-mir-454	400	0.393	0.995	0.952	0.250	0.965	0.945	0.145	0.281	0.259
hsa-mir-455	678	0.776	0.942	0.936	0.541	0.943	0.927	0.781	0.292	0.319
hsa-mir-483	406	0.924	0.835	0.958	0.857	0.899	0.929	0.803	0.206	0.231
hsa-mir-484	476	0.553	0.961	0.874	0.395	0.903	0.869	0.519	0.257	0.256
hsa-mir-485	426	0.606	0.999	0.974	0.229	0.962	0.928	0.349	0.283	0.271
hsa-mir-486	558	0.000	1.000	0.997	0.645	0.965	0.965	0.834	0.191	0.213
hsa-mir-487a	476	0.315	1.000	0.958	0.359	0.956	0.928	0.550	0.242	0.244

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-487b	726	0.255	1.000	0.944	0.303	0.961	0.931	0.361	0.310	0.296
hsa-mir-488	446	0.000	1.000	0.958	0.112	0.973	0.932	0.353	0.265	0.257
hsa-mir-489	446	0.000	1.000	0.994	0.570	0.965	0.963	0.398	0.234	0.231
hsa-mir-490	300	0.853	0.870	0.949	0.467	0.964	0.950	0.150	0.266	0.245
hsa-mir-491	446	0.000	1.000	0.990	0.186	0.978	0.964	0.879	0.222	0.242
hsa-mir-492	700	0.000	0.999	0.999	0.000	0.965	0.952	0.000	0.333	0.000
hsa-mir-493	428	0.404	1.000	0.999	0.796	0.968	0.972	0.881	0.217	0.246
hsa-mir-494	466	0.146	1.000	0.965	0.160	0.965	0.941	0.292	0.239	0.227
hsa-mir-495	456	0.513	1.000	0.961	0.409	0.962	0.947	0.188	0.260	0.242
hsa-mir-496	470	0.066	1.000	0.979	0.047	0.979	0.958	0.230	0.291	0.276
hsa-mir-497	770	0.691	0.955	0.936	0.712	0.921	0.932	0.778	0.214	0.230
hsa-mir-498	380	0.145	1.000	0.956	0.189	0.979	0.965	0.376	0.285	0.278
hsa-mir-499	410	0.380	0.998	0.935	0.366	0.976	0.959	0.783	0.254	0.275
hsa-mir-500	546	0.002	1.000	0.932	0.002	0.971	0.880	0.143	0.266	0.224
hsa-mir-501	466	0.019	1.000	0.875	0.070	0.958	0.896	0.269	0.250	0.228
hsa-mir-502	438	0.000	1.000	0.947	0.003	0.979	0.931	0.261	0.260	0.236
hsa-mir-503	426	0.610	1.000	0.995	0.590	0.951	0.950	0.902	0.202	0.229
hsa-mir-504	476	0.000	1.000	0.993	0.157	0.973	0.961	0.414	0.225	0.222
hsa-mir-505	446	0.000	1.000	0.986	0.170	0.979	0.967	0.788	0.250	0.266
hsa-mir-506	410	0.649	0.895	0.882	0.473	0.946	0.929	0.263	0.255	0.236
hsa-mir-507	508	0.600	0.999	0.980	0.648	0.960	0.959	0.492	0.259	0.259
hsa-mir-508	370	0.019	1.000	0.940	0.003	0.980	0.941	0.092	0.275	0.245
hsa-mir-509	508	0.024	1.000	0.816	0.064	0.966	0.878	0.807	0.181	0.207
hsa-mir-510	496	0.278	1.000	0.941	0.245	0.955	0.907	0.255	0.248	0.232
hsa-mir-511-1	876	0.274	1.000	0.965	0.328	0.964	0.941	0.695	0.257	0.267
hsa-mir-511-2	876	0.274	1.000	0.965	0.328	0.964	0.941	0.695	0.257	0.267
hsa-mir-512-1	726	0.229	1.000	0.950	0.199	0.972	0.933	0.870	0.254	0.284
hsa-mir-512-2	490	0.202	0.999	0.897	0.124	0.967	0.916	0.877	0.224	0.256
hsa-mir-513-1	200	0.035	1.000	0.937	0.035	0.984	0.946	0.490	0.253	0.251
hsa-mir-513-2	510	0.792	0.948	0.957	0.300	0.971	0.950	0.865	0.215	0.232
hsa-mir-514-1	850	0.382	0.999	0.949	0.287	0.967	0.937	0.116	0.289	0.266
hsa-mir-514-2	856	0.160	1.000	0.949	0.214	0.967	0.934	0.251	0.273	0.261
hsa-mir-514-3	856	0.160	1.000	0.949	0.214	0.967	0.934	0.251	0.273	0.261
hsa-mir-515-1	652	0.000	1.000	0.994	0.219	0.972	0.958	0.545	0.249	0.251
hsa-mir-515-2	652	0.000	1.000	0.994	0.219	0.972	0.958	0.545	0.249	0.251
hsa-mir-516-1	418	0.409	1.000	0.981	0.830	0.954	0.966	0.810	0.219	0.237
hsa-mir-516-2	432	0.530	1.000	0.981	0.787	0.953	0.961	0.983	0.207	0.254
hsa-mir-516-3	436	0.069	1.000	0.982	0.062	0.974	0.944	0.545	0.235	0.239
hsa-mir-516-4	532	0.380	1.000	0.994	0.356	0.977	0.971	0.788	0.248	0.260

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-517a	542	0.000	1.000	0.960	0.070	0.979	0.955	0.590	0.218	0.223
hsa-mir-517b	478	0.000	1.000	0.966	0.045	0.974	0.919	0.654	0.264	0.278
hsa-mir-517c	412	0.000	1.000	0.968	0.027	0.984	0.962	0.509	0.309	0.310
hsa-mir-518a-1	716	0.000	1.000	0.997	0.253	0.975	0.965	0.657	0.204	0.210
hsa-mir-518a-2	542	0.000	1.000	0.989	0.377	0.973	0.967	0.858	0.195	0.214
hsa-mir-518b	456	0.180	1.000	0.990	0.137	0.971	0.949	0.906	0.217	0.246
hsa-mir-518c	550	0.125	1.000	0.990	0.081	0.980	0.969	0.324	0.307	0.297
hsa-mir-518d	442	0.000	1.000	0.988	0.399	0.968	0.961	0.802	0.203	0.219
hsa-mir-518e	432	0.000	1.000	0.976	0.240	0.973	0.955	0.950	0.227	0.281
hsa-mir-518f	438	0.000	1.000	0.992	0.244	0.971	0.962	0.879	0.238	0.265
hsa-mir-519a-1	452	0.000	1.000	0.995	0.214	0.979	0.973	0.417	0.235	0.232
hsa-mir-519a-2	538	0.000	1.000	0.980	0.152	0.977	0.953	0.300	0.245	0.236
hsa-mir-519b	466	0.000	1.000	0.993	0.108	0.976	0.961	0.560	0.226	0.231
hsa-mir-519c	442	0.000	1.000	0.996	0.099	0.981	0.972	0.522	0.234	0.236
hsa-mir-519d	432	0.206	1.000	0.985	0.124	0.974	0.952	0.414	0.261	0.259
hsa-mir-519e	446	0.870	0.964	0.969	0.635	0.946	0.939	0.928	0.226	0.256
hsa-mir-520a	732	0.000	1.000	0.999	0.362	0.977	0.973	0.722	0.212	0.222
hsa-mir-520b	478	0.000	1.000	0.998	0.402	0.966	0.960	0.606	0.235	0.244
hsa-mir-520c	442	0.000	1.000	0.999	0.109	0.980	0.973	0.460	0.238	0.237
hsa-mir-520d	442	0.360	1.000	0.987	0.655	0.967	0.965	0.744	0.226	0.240
hsa-mir-520e	722	0.000	1.000	0.995	0.003	0.984	0.964	0.072	0.268	0.241
hsa-mir-520f	442	0.715	1.000	1.000	0.931	0.962	0.972	0.632	0.211	0.219
hsa-mir-520g	428	0.171	1.000	0.979	0.477	0.962	0.954	0.945	0.207	0.253
hsa-mir-520h	438	0.655	0.995	0.966	0.575	0.947	0.937	0.986	0.193	0.256
hsa-mir-521-1	442	0.000	1.000	0.948	0.042	0.972	0.921	0.249	0.245	0.228
hsa-mir-521-2	442	0.181	1.000	0.967	0.511	0.952	0.937	0.976	0.207	0.261
hsa-mir-522	722	0.090	1.000	0.971	0.134	0.967	0.933	0.251	0.230	0.214
hsa-mir-523	442	0.000	1.000	0.988	0.128	0.977	0.962	0.629	0.249	0.258
hsa-mir-524	442	0.000	1.000	0.997	0.460	0.970	0.965	0.845	0.211	0.229
hsa-mir-525	728	0.000	1.000	0.972	0.250	0.973	0.953	0.633	0.231	0.239
hsa-mir-526a-1	436	0.000	1.000	0.998	0.240	0.976	0.967	0.587	0.227	0.231
hsa-mir-526a-2	672	0.097	1.000	0.933	0.279	0.951	0.913	0.940	0.190	0.242
hsa-mir-526b	456	0.000	1.000	0.998	0.401	0.975	0.971	0.854	0.209	0.227
hsa-mir-527	548	0.000	1.000	0.985	0.220	0.976	0.960	0.869	0.227	0.255
hsa-mir-532	522	0.341	0.980	0.809	0.732	0.833	0.873	0.553	0.249	0.254
hsa-mir-539	456	0.373	1.000	0.985	0.346	0.960	0.945	0.855	0.209	0.236
hsa-mir-542	400	0.052	1.000	0.836	0.003	0.984	0.914	0.312	0.381	0.361
hsa-mir-544	422	0.083	1.000	0.966	0.057	0.976	0.942	0.918	0.256	0.294
hsa-mir-545	640	0.145	1.000	0.955	0.120	0.972	0.943	0.058	0.308	0.266

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-548a-1	410	0.544	0.996	0.961	0.355	0.965	0.951	0.241	0.302	0.282
hsa-mir-548a-2	400	0.752	0.999	0.995	0.806	0.964	0.970	0.941	0.285	0.313
hsa-mir-548a-3	570	0.000	1.000	0.996	0.402	0.979	0.975	0.644	0.313	0.318
hsa-mir-548b	410	0.000	1.000	0.990	0.241	0.982	0.975	0.203	0.364	0.341
hsa-mir-548c	400	0.000	1.000	0.997	0.116	0.984	0.978	0.603	0.299	0.305
hsa-mir-548d-1	690	0.000	1.000	0.999	0.258	0.986	0.981	0.412	0.337	0.333
hsa-mir-548d-2	400	0.000	1.000	0.999	0.041	0.988	0.984	0.355	0.326	0.319
hsa-mir-549	498	0.000	1.000	0.996	0.464	0.984	0.982	0.955	0.299	0.359
hsa-mir-550-1	400	0.362	0.989	0.900	0.477	0.947	0.938	0.750	0.213	0.228
hsa-mir-550-2	492	0.963	0.742	0.968	0.919	0.937	0.960	0.796	0.282	0.303
hsa-mir-551a	700	0.706	0.998	0.991	0.724	0.954	0.955	0.776	0.205	0.226
hsa-mir-551b	500	0.058	1.000	0.935	0.086	0.971	0.927	0.396	0.330	0.319
hsa-mir-552	498	0.000	1.000	0.976	0.265	0.979	0.967	0.324	0.323	0.313
hsa-mir-553	558	0.884	1.000	1.000	0.923	0.959	0.972	0.403	0.328	0.325
hsa-mir-554	498	0.361	0.958	0.822	0.425	0.914	0.888	0.121	0.351	0.295
hsa-mir-555	498	0.084	0.998	0.705	0.075	0.960	0.854	0.084	0.351	0.289
hsa-mir-556	402	0.000	1.000	0.984	0.086	0.986	0.977	0.195	0.351	0.332
hsa-mir-557	490	0.916	0.579	0.866	0.276	0.916	0.853	0.078	0.303	0.236
hsa-mir-558	412	0.383	1.000	0.981	0.364	0.968	0.961	0.787	0.262	0.282
hsa-mir-559	628	0.000	1.000	0.999	0.532	0.979	0.979	0.909	0.229	0.261
hsa-mir-560	402	0.823	0.470	0.752	0.818	0.805	0.873	0.583	0.253	0.256
hsa-mir-561	490	0.000	1.000	0.999	0.042	0.989	0.982	0.031	0.388	0.347
hsa-mir-562	682	0.201	0.990	0.831	0.140	0.940	0.863	0.310	0.267	0.247
hsa-mir-563	476	0.523	1.000	0.987	0.561	0.950	0.940	0.527	0.325	0.325
hsa-mir-564	512	0.826	0.796	0.897	0.416	0.937	0.906	0.504	0.259	0.258
hsa-mir-565	770	0.653	0.962	0.942	0.483	0.934	0.923	0.284	0.340	0.317
hsa-mir-566	700	0.637	0.809	0.799	0.567	0.805	0.815	0.324	0.202	0.180
hsa-mir-567	570	0.432	1.000	0.971	0.163	0.973	0.943	0.181	0.398	0.347
hsa-mir-568	682	0.972	0.867	0.986	0.959	0.905	0.960	0.989	0.221	0.274
hsa-mir-569	400	0.005	1.000	0.927	0.156	0.963	0.920	0.505	0.274	0.274
hsa-mir-570	400	0.580	1.000	0.998	0.827	0.970	0.976	0.311	0.299	0.293
hsa-mir-571	400	0.205	0.995	0.789	0.273	0.943	0.885	0.448	0.288	0.281
hsa-mir-572	400	0.583	0.750	0.835	0.560	0.871	0.895	0.430	0.242	0.163
hsa-mir-573	490	0.455	0.980	0.875	0.344	0.943	0.901	0.164	0.286	0.259
hsa-mir-574	400	0.782	0.999	0.993	0.891	0.961	0.971	0.472	0.281	0.282
hsa-mir-575	688	0.109	0.999	0.886	0.048	0.965	0.887	0.039	0.340	0.273
hsa-mir-576	580	0.000	1.000	0.998	0.425	0.980	0.977	0.397	0.316	0.313
hsa-mir-577	498	0.530	1.000	0.985	0.259	0.984	0.976	0.442	0.340	0.336
hsa-mir-578	498	0.165	1.000	0.983	0.205	0.980	0.968	0.688	0.299	0.309

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-579	470	0.585	1.000	0.999	0.703	0.977	0.979	0.683	0.282	0.289
hsa-mir-580	410	0.000	1.000	0.999	0.109	0.985	0.979	0.400	0.299	0.296
hsa-mir-581	400	0.000	1.000	0.983	0.081	0.980	0.964	0.334	0.312	0.304
hsa-mir-582	670	0.470	1.000	0.982	0.134	0.981	0.963	0.146	0.395	0.361
hsa-mir-583	406	0.000	1.000	0.994	0.138	0.980	0.966	0.580	0.338	0.341
hsa-mir-584	400	0.000	1.000	0.994	0.150	0.981	0.971	0.909	0.285	0.308
hsa-mir-585	692	0.000	1.000	0.993	0.480	0.981	0.979	0.748	0.298	0.313
hsa-mir-586	400	0.770	1.000	0.999	0.595	0.975	0.975	0.417	0.326	0.322
hsa-mir-587	450	0.104	1.000	0.991	0.162	0.977	0.966	0.320	0.323	0.308
hsa-mir-588	466	0.296	1.000	0.974	0.227	0.973	0.952	0.198	0.305	0.291
hsa-mir-589	570	0.133	0.999	0.800	0.130	0.960	0.880	0.264	0.279	0.258
hsa-mir-590	400	0.113	1.000	0.981	0.111	0.982	0.962	0.747	0.323	0.339
hsa-mir-591	402	0.560	0.548	0.584	0.180	0.899	0.819	0.381	0.298	0.278
hsa-mir-592	400	0.953	0.865	0.977	0.973	0.868	0.961	0.584	0.326	0.329
hsa-mir-593	840	0.411	0.966	0.814	0.693	0.859	0.883	0.318	0.330	0.307
hsa-mir-594	432	0.363	0.972	0.767	0.346	0.915	0.863	0.454	0.303	0.295
hsa-mir-595	680	0.057	0.992	0.762	0.080	0.930	0.837	0.082	0.278	0.218
hsa-mir-596	486	0.492	0.956	0.835	0.361	0.894	0.849	0.148	0.299	0.258
hsa-mir-597	680	0.793	0.806	0.875	0.316	0.945	0.906	0.417	0.258	0.250
hsa-mir-598	700	0.933	0.649	0.910	0.609	0.888	0.888	0.536	0.258	0.257
hsa-mir-599	402	0.933	0.919	0.982	0.886	0.944	0.959	0.866	0.288	0.313
hsa-mir-600	570	0.500	0.917	0.817	0.253	0.946	0.905	0.468	0.286	0.281
hsa-mir-601	446	0.883	0.450	0.814	0.862	0.710	0.812	0.595	0.219	0.232
hsa-mir-602	630	0.521	0.967	0.858	0.219	0.956	0.892	0.529	0.293	0.290
hsa-mir-603	690	0.500	1.000	0.994	0.572	0.974	0.973	0.646	0.326	0.334
hsa-mir-604	408	0.564	0.543	0.588	0.231	0.893	0.813	0.200	0.270	0.229
hsa-mir-605	566	0.000	1.000	0.996	0.201	0.982	0.977	0.710	0.225	0.233
hsa-mir-606	578	0.424	1.000	0.997	0.422	0.981	0.979	0.939	0.306	0.328
hsa-mir-607	858	0.000	1.000	1.000	0.503	0.985	0.984	0.510	0.243	0.244
hsa-mir-608	480	0.042	0.983	0.562	0.265	0.873	0.819	0.190	0.287	0.232
hsa-mir-609	692	0.000	1.000	0.997	0.424	0.977	0.975	0.494	0.277	0.277
hsa-mir-610	578	0.000	1.000	0.999	0.271	0.982	0.979	0.547	0.267	0.270
hsa-mir-611	418	0.452	0.991	0.892	0.498	0.874	0.860	0.538	0.294	0.294
hsa-mir-612	470	0.238	0.985	0.788	0.216	0.954	0.916	0.310	0.277	0.259
hsa-mir-613	412	0.706	0.721	0.797	0.570	0.890	0.877	0.826	0.249	0.284
hsa-mir-614	712	0.091	1.000	0.913	0.004	0.981	0.918	0.096	0.348	0.312
hsa-mir-615	578	0.986	0.447	0.945	0.838	0.903	0.933	0.966	0.208	0.260
hsa-mir-616	410	0.000	1.000	0.994	0.152	0.982	0.973	0.597	0.306	0.310
hsa-mir-617	410	0.000	1.000	0.985	0.192	0.983	0.974	0.139	0.378	0.354

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-618	840	0.258	0.999	0.929	0.290	0.958	0.917	0.718	0.241	0.256
hsa-mir-619	490	0.453	0.921	0.814	0.832	0.798	0.868	0.478	0.239	0.237
hsa-mir-620	412	0.983	0.725	0.982	0.961	0.903	0.966	0.411	0.368	0.362
hsa-mir-621	400	0.242	0.997	0.886	0.531	0.932	0.908	0.688	0.260	0.273
hsa-mir-622	498	0.116	0.997	0.853	0.274	0.940	0.885	0.588	0.236	0.247
hsa-mir-623	850	0.066	1.000	0.873	0.136	0.959	0.890	0.081	0.340	0.289
hsa-mir-624	410	0.000	1.000	0.997	0.191	0.983	0.979	0.373	0.285	0.282
hsa-mir-625	452	0.000	1.000	1.000	0.017	0.986	0.982	0.624	0.239	0.245
hsa-mir-626	408	0.912	0.577	0.891	0.904	0.809	0.914	0.545	0.323	0.323
hsa-mir-627	490	0.000	1.000	0.992	0.023	0.988	0.980	0.651	0.302	0.309
hsa-mir-628	502	0.199	1.000	0.904	0.210	0.969	0.933	0.101	0.330	0.301
hsa-mir-629	690	0.000	1.000	0.999	0.540	0.983	0.982	0.235	0.313	0.297
hsa-mir-630	690	0.581	0.989	0.917	0.623	0.939	0.932	0.129	0.395	0.349
hsa-mir-631	586	0.181	1.000	0.933	0.019	0.976	0.904	0.174	0.307	0.283
hsa-mir-632	411	0.808	0.897	0.919	0.601	0.931	0.922	0.570	0.209	0.213
hsa-mir-633	490	0.276	0.997	0.914	0.557	0.940	0.934	0.750	0.259	0.280
hsa-mir-634	410	0.580	0.915	0.827	0.759	0.846	0.888	0.791	0.258	0.287
hsa-mir-635	560	0.500	0.988	0.928	0.344	0.950	0.918	0.581	0.259	0.263
hsa-mir-636	490	0.490	0.928	0.834	0.602	0.886	0.887	0.202	0.286	0.253
hsa-mir-637	490	0.271	0.872	0.655	0.273	0.866	0.801	0.306	0.215	0.192
hsa-mir-638	480	0.887	0.240	0.625	0.182	0.894	0.810	0.373	0.227	0.212
hsa-mir-639	490	0.814	0.547	0.772	0.844	0.777	0.857	0.890	0.190	0.241
hsa-mir-640	498	0.357	0.934	0.777	0.212	0.933	0.866	0.374	0.292	0.275
hsa-mir-641	560	0.629	1.000	0.995	0.233	0.982	0.976	0.482	0.246	0.247
hsa-mir-642	410	0.000	1.000	0.997	0.641	0.983	0.984	0.827	0.326	0.345
hsa-mir-643	410	0.293	1.000	0.991	0.453	0.974	0.969	0.194	0.299	0.283
hsa-mir-644	412	0.000	1.000	0.851	0.006	0.981	0.895	0.013	0.429	0.342
hsa-mir-645	412	0.456	0.998	0.971	0.809	0.933	0.945	0.583	0.305	0.314
hsa-mir-646	412	0.544	0.778	0.718	0.591	0.855	0.858	0.730	0.223	0.245
hsa-mir-647	400	0.850	0.183	0.601	0.831	0.726	0.820	0.769	0.156	0.184
hsa-mir-648	692	0.477	0.809	0.695	0.439	0.865	0.835	0.320	0.270	0.245
hsa-mir-649	410	0.195	1.000	0.950	0.225	0.967	0.939	0.300	0.292	0.281
hsa-mir-650	400	0.430	0.964	0.822	0.677	0.851	0.874	0.333	0.337	0.313
hsa-mir-651	400	0.000	1.000	0.965	0.002	0.986	0.957	0.031	0.392	0.341
hsa-mir-652	460	0.000	1.000	0.969	0.035	0.984	0.967	0.558	0.310	0.313
hsa-mir-653	498	0.135	1.000	0.983	0.219	0.979	0.964	0.197	0.378	0.357
hsa-mir-654	556	0.403	0.998	0.935	0.336	0.943	0.893	0.793	0.202	0.226
hsa-mir-655	400	0.370	1.000	0.979	0.203	0.978	0.961	0.505	0.361	0.359
hsa-mir-656	656	0.110	1.000	0.960	0.045	0.977	0.920	0.378	0.355	0.343

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
hsa-mir-657	410	0.449	0.979	0.916	0.624	0.915	0.915	0.807	0.296	0.333
hsa-mir-658	560	0.477	0.707	0.620	0.641	0.778	0.804	0.753	0.140	0.172
hsa-mir-659	400	0.500	1.000	0.991	0.519	0.969	0.967	0.702	0.309	0.329
hsa-mir-660	401	0.062	1.000	0.783	0.109	0.965	0.884	0.066	0.405	0.343
hsa-mir-661	428	0.005	1.000	0.836	0.076	0.954	0.863	0.216	0.273	0.247
hsa-mir-662	412	1.000	0.005	0.918	0.963	0.719	0.913	0.540	0.228	0.229
hsa-mir-663	408	0.885	0.559	0.847	0.894	0.784	0.895	0.955	0.211	0.266
hsa-mir-668	492	0.000	1.000	0.988	0.232	0.954	0.928	0.004	0.293	0.247
hsa-mir-671	590	0.317	0.997	0.943	0.183	0.972	0.954	0.537	0.229	0.231
hsa-mir-7-1	1020	0.340	1.000	0.973	0.343	0.971	0.963	0.062	0.258	0.240
hsa-mir-7-2	510	0.118	1.000	0.950	0.059	0.981	0.929	0.088	0.300	0.268
hsa-mir-7-3	680	0.268	0.990	0.814	0.138	0.962	0.900	0.382	0.264	0.253
hsa-mir-758	438	0.363	0.986	0.837	0.217	0.942	0.885	0.455	0.280	0.275
hsa-mir-765	440	0.889	0.333	0.722	0.700	0.839	0.866	0.868	0.199	0.251
hsa-mir-766	330	0.006	1.000	0.865	0.073	0.970	0.907	0.242	0.264	0.239
hsa-mir-767	510	0.129	1.000	0.955	0.093	0.980	0.958	0.393	0.242	0.237
hsa-mir-768	360	0.406	0.712	0.570	0.090	0.934	0.857	0.012	0.343	0.243
hsa-mir-769	510	0.459	0.985	0.918	0.386	0.963	0.927	0.673	0.226	0.235
hsa-mir-770	490	0.931	0.889	0.976	0.949	0.925	0.960	0.815	0.238	0.253
hsa-mir-801	400	0.425	0.908	0.759	0.370	0.889	0.862	0.252	0.215	0.199
hsa-mir-802	692	0.614	0.999	0.977	0.788	0.953	0.960	0.973	0.248	0.286
hsa-mir-9-1	1812	0.254	1.000	0.995	0.562	0.967	0.964	0.633	0.262	0.270
hsa-mir-9-2	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
hsa-mir-9-3	418	0.000	1.000	0.995	0.305	0.974	0.966	0.182	0.263	0.249
hsa-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
hsa-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
hsa-mir-92b	680	0.000	1.000	0.982	0.433	0.968	0.956	0.291	0.278	0.265
hsa-mir-93	868	0.127	1.000	0.930	0.095	0.967	0.929	0.337	0.250	0.240
hsa-mir-95	1686	0.619	1.000	0.994	0.701	0.964	0.965	0.933	0.251	0.276
hsa-mir-96	1776	0.033	1.000	0.952	0.084	0.968	0.919	0.593	0.274	0.280
hsa-mir-98	410	0.268	1.000	0.982	0.317	0.974	0.968	0.207	0.277	0.252
hsa-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
hsa-mir-99b	1008	0.291	0.999	0.934	0.412	0.925	0.893	0.443	0.229	0.225
hsv1-mir-H1	438	0.489	0.975	0.892	0.339	0.930	0.886	0.636	0.205	0.217
kshv-miR-K12-2	419	0.074	0.997	0.734	0.046	0.954	0.834	0.191	0.253	0.216
kshv-mir-K12-1	838	0.261	1.000	0.975	0.183	0.952	0.900	0.114	0.299	0.260
kshv-mir-K12-10a	450	0.600	0.998	0.962	0.629	0.929	0.924	0.546	0.290	0.292
kshv-mir-K12-10b	450	0.487	1.000	0.979	0.291	0.971	0.951	0.244	0.295	0.284
kshv-mir-K12-11	506	0.597	0.995	0.947	0.169	0.957	0.900	0.309	0.254	0.239

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
kshv-mir-K12-12	670	0.867	0.976	0.977	0.790	0.956	0.963	0.869	0.221	0.247
kshv-mir-K12-3	516	0.126	1.000	0.922	0.156	0.949	0.890	0.570	0.281	0.286
kshv-mir-K12-4	450	0.024	1.000	0.930	0.037	0.970	0.901	0.017	0.305	0.264
kshv-mir-K12-5	406	0.123	0.999	0.802	0.137	0.929	0.825	0.097	0.267	0.218
kshv-mir-K12-6	558	0.000	1.000	0.972	0.160	0.958	0.913	0.870	0.220	0.253
kshv-mir-K12-7	326	0.138	1.000	0.914	0.263	0.947	0.901	0.670	0.231	0.243
kshv-mir-K12-8	616	0.107	0.998	0.840	0.121	0.906	0.808	0.432	0.195	0.189
kshv-mir-K12-9	485	0.000	1.000	0.988	0.033	0.977	0.949	0.005	0.273	0.233
lca-mir-125b	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
lca-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
lca-mir-16	700	0.927	0.574	0.866	0.794	0.807	0.850	0.681	0.257	0.292
lca-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
lca-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
lca-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
lca-mir-19b-1	442	0.000	1.000	0.946	0.040	0.972	0.944	0.520	0.230	0.233
lca-mir-19b-2	518	0.000	1.000	0.950	0.009	0.979	0.945	0.182	0.330	0.303
lca-mir-20	516	0.362	1.000	0.993	0.370	0.958	0.940	0.591	0.225	0.231
lca-mir-216	440	0.923	0.616	0.897	0.809	0.890	0.921	0.901	0.233	0.280
lca-mir-218	520	0.079	1.000	0.949	0.108	0.978	0.957	0.261	0.245	0.235
lca-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
lca-mir-23a	506	0.557	1.000	0.987	0.419	0.959	0.937	0.739	0.247	0.261
lca-mir-27a	576	0.120	1.000	0.957	0.061	0.968	0.908	0.327	0.244	0.230
lca-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
lca-mir-92-2	776	0.049	1.000	0.912	0.022	0.971	0.873	0.121	0.302	0.258
lla-mir-100	862	0.032	1.000	0.840	0.063	0.963	0.859	0.639	0.254	0.263
lla-mir-101	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
lla-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
lla-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
lla-mir-106b	436	0.000	1.000	0.969	0.042	0.973	0.927	0.207	0.251	0.233
lla-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
lla-mir-124a	430	0.084	1.000	0.947	0.235	0.971	0.947	0.460	0.290	0.287
lla-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
lla-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
lla-mir-127	2390	0.842	0.417	0.750	0.553	0.894	0.880	0.618	0.261	0.270
lla-mir-133a	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294
lla-mir-135-1	1254	0.000	1.000	0.992	0.196	0.980	0.970	0.170	0.285	0.266
lla-mir-135-2	480	0.808	0.965	0.949	0.442	0.959	0.939	0.525	0.337	0.341
lla-mir-139	1862	0.293	1.000	0.985	0.184	0.966	0.940	0.193	0.289	0.275
lla-mir-143	1480	0.271	0.997	0.895	0.253	0.966	0.933	0.406	0.267	0.261

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
lla-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
lla-mir-15b	1560	0.021	1.000	0.897	0.001	0.982	0.922	0.024	0.303	0.263
lla-mir-16	708	0.109	1.000	0.968	0.113	0.976	0.947	0.051	0.281	0.247
lla-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
lla-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
lla-mir-181a-1	520	0.010	1.000	0.754	0.013	0.975	0.875	0.092	0.270	0.233
lla-mir-181b	470	0.332	0.999	0.939	0.209	0.970	0.937	0.332	0.318	0.296
lla-mir-196	490	1.000	0.460	0.992	0.980	0.948	0.975	0.910	0.218	0.239
lla-mir-198	478	0.921	0.656	0.907	0.977	0.726	0.860	0.940	0.231	0.333
lla-mir-199a	700	0.317	0.989	0.909	0.494	0.938	0.919	0.621	0.258	0.267
lla-mir-19a	552	0.071	1.000	0.988	0.135	0.968	0.952	0.877	0.211	0.242
lla-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
lla-mir-19b-2	798	0.794	0.973	0.958	0.516	0.959	0.954	0.874	0.281	0.312
lla-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
lla-mir-205	770	0.442	0.998	0.958	0.197	0.976	0.957	0.197	0.352	0.327
lla-mir-218-1	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
lla-mir-218-2	1300	0.435	0.996	0.926	0.226	0.969	0.933	0.638	0.248	0.259
lla-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
lla-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
lla-mir-26a	2152	0.984	0.966	0.998	0.962	0.933	0.965	0.953	0.203	0.239
lla-mir-28	980	0.236	1.000	0.998	0.253	0.970	0.963	0.301	0.248	0.237
lla-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
lla-mir-29b	2242	0.551	1.000	0.984	0.712	0.952	0.956	0.519	0.267	0.269
lla-mir-30b	862	0.037	1.000	0.970	0.096	0.971	0.940	0.770	0.258	0.277
lla-mir-30c	1304	0.000	1.000	0.932	0.001	0.979	0.902	0.300	0.324	0.302
lla-mir-34a	700	0.027	1.000	0.949	0.014	0.980	0.947	0.317	0.237	0.226
lla-mir-7	1020	0.340	1.000	0.973	0.343	0.971	0.963	0.062	0.258	0.240
lla-mir-9	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
lla-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
lla-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
lla-mir-93	556	0.595	0.989	0.942	0.394	0.939	0.907	0.594	0.250	0.255
lla-mir-95	1686	0.619	1.000	0.994	0.701	0.964	0.965	0.933	0.251	0.276
lla-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
mdo-let-7a-1	490	0.553	0.997	0.981	0.257	0.963	0.948	0.537	0.268	0.272
mdo-let-7a-2	426	0.200	1.000	0.989	0.126	0.963	0.922	0.205	0.247	0.222
mdo-let-7a-3	670	0.363	0.999	0.983	0.122	0.962	0.927	0.615	0.253	0.230
mdo-let-7b	140	0.236	1.000	0.993	0.000	0.989	0.960	0.129	0.312	0.281
mdo-let-7d	800	0.314	1.000	0.981	0.248	0.972	0.962	0.444	0.302	0.297
mdo-let-7f-1	1314	0.153	1.000	0.995	0.124	0.972	0.957	0.322	0.284	0.269

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mdo-let-7f-2	466	0.388	1.000	0.987	0.390	0.954	0.942	0.803	0.254	0.276
mdo-let-7g	818	0.055	1.000	0.969	0.056	0.968	0.935	0.005	0.285	0.229
mdo-let-7i	1064	0.028	1.000	0.967	0.157	0.954	0.931	0.414	0.250	0.243
mdo-mir-1	442	0.742	1.000	0.994	0.670	0.968	0.969	0.861	0.233	0.264
mdo-mir-100	486	0.004	1.000	0.847	0.031	0.971	0.864	0.364	0.258	0.243
mdo-mir-101-1	556	0.000	1.000	0.998	0.621	0.969	0.968	0.548	0.297	0.301
mdo-mir-101-2	576	0.863	0.999	0.996	0.873	0.944	0.959	0.826	0.211	0.238
mdo-mir-103-1	406	0.000	1.000	0.974	0.057	0.966	0.930	0.378	0.237	0.231
mdo-mir-103-2	466	0.219	1.000	0.991	0.161	0.967	0.945	0.321	0.238	0.230
mdo-mir-107	466	0.127	1.000	0.957	0.136	0.963	0.926	0.095	0.270	0.243
mdo-mir-10a	418	0.490	1.000	0.979	0.405	0.973	0.960	0.957	0.244	0.297
mdo-mir-10b	510	0.204	1.000	0.986	0.245	0.978	0.968	0.471	0.228	0.229
mdo-mir-122a	496	0.000	1.000	0.991	0.088	0.981	0.965	0.757	0.270	0.288
mdo-mir-124a-1	2056	0.000	1.000	0.950	0.152	0.976	0.940	0.224	0.325	0.305
mdo-mir-124a-2	412	0.036	1.000	0.940	0.056	0.976	0.936	0.162	0.297	0.277
mdo-mir-124a-3	800	0.121	1.000	0.979	0.237	0.960	0.925	0.724	0.245	0.263
mdo-mir-125b-1	456	0.180	1.000	0.889	0.143	0.956	0.878	0.731	0.240	0.264
mdo-mir-125b-2	492	0.612	1.000	0.996	0.729	0.947	0.948	0.955	0.238	0.282
mdo-mir-128b	446	0.621	0.998	0.973	0.420	0.958	0.944	0.160	0.313	0.286
mdo-mir-129	546	0.037	1.000	0.933	0.145	0.962	0.914	0.659	0.225	0.235
mdo-mir-130a	506	0.172	1.000	0.978	0.521	0.947	0.937	0.634	0.263	0.276
mdo-mir-132	558	0.000	1.000	0.984	0.458	0.963	0.948	0.271	0.253	0.242
mdo-mir-133a	438	0.000	1.000	0.920	0.068	0.977	0.928	0.486	0.295	0.293
mdo-mir-135a	480	0.471	1.000	0.987	0.445	0.971	0.964	0.562	0.240	0.243
mdo-mir-135b	480	0.731	0.999	0.990	0.767	0.965	0.970	0.974	0.260	0.293
mdo-mir-137	200	0.720	0.883	0.905	0.355	0.865	0.819	0.005	0.333	0.235
mdo-mir-138	736	0.250	0.999	0.929	0.214	0.947	0.887	0.439	0.293	0.281
mdo-mir-141	492	0.000	1.000	0.953	0.015	0.963	0.890	0.357	0.255	0.246
mdo-mir-142	596	0.000	1.000	0.994	0.197	0.972	0.958	0.315	0.261	0.250
mdo-mir-143	572	0.000	1.000	0.996	0.371	0.965	0.954	0.884	0.212	0.234
mdo-mir-144	452	0.000	1.000	0.991	0.167	0.974	0.960	0.579	0.251	0.255
mdo-mir-145	436	0.346	1.000	0.991	0.620	0.956	0.946	0.554	0.276	0.281
mdo-mir-152	426	0.338	0.999	0.954	0.284	0.943	0.915	0.606	0.178	0.186
mdo-mir-15a	436	0.131	1.000	0.956	0.074	0.971	0.917	0.383	0.289	0.278
mdo-mir-16	418	0.043	1.000	0.947	0.013	0.978	0.943	0.247	0.285	0.265
mdo-mir-17	452	0.007	1.000	0.952	0.096	0.968	0.919	0.342	0.282	0.271
mdo-mir-18	326	0.178	0.998	0.838	0.227	0.921	0.839	0.658	0.218	0.232
mdo-mir-181a	822	0.000	1.000	0.962	0.042	0.969	0.895	0.498	0.318	0.317
mdo-mir-181b	718	0.000	1.000	0.977	0.141	0.979	0.955	0.054	0.364	0.330

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mdo-mir-181c	326	0.362	1.000	0.971	0.180	0.961	0.926	0.875	0.218	0.248
mdo-mir-182	426	0.836	0.764	0.888	0.612	0.853	0.865	0.354	0.338	0.317
mdo-mir-183	428	0.388	0.999	0.932	0.165	0.966	0.933	0.708	0.265	0.285
mdo-mir-184	546	0.804	0.993	0.978	0.553	0.955	0.944	0.124	0.317	0.283
mdo-mir-186	810	0.389	1.000	0.993	0.658	0.950	0.952	0.618	0.270	0.277
mdo-mir-187	466	0.000	1.000	0.999	0.733	0.967	0.970	0.803	0.235	0.251
mdo-mir-191	496	0.000	1.000	0.968	0.328	0.961	0.940	0.466	0.230	0.228
mdo-mir-193	478	0.000	1.000	0.993	0.158	0.974	0.960	0.735	0.253	0.265
mdo-mir-196b	438	0.338	1.000	0.983	0.269	0.974	0.956	0.172	0.310	0.293
mdo-mir-199b	528	0.062	1.000	0.975	0.168	0.971	0.946	0.054	0.296	0.267
mdo-mir-19a	476	0.000	1.000	0.985	0.156	0.967	0.950	0.669	0.235	0.246
mdo-mir-19b	432	0.051	1.000	0.956	0.075	0.971	0.948	0.565	0.247	0.254
mdo-mir-20	470	0.011	1.000	0.909	0.015	0.979	0.948	0.447	0.252	0.248
mdo-mir-200a	722	0.000	1.000	0.997	0.243	0.975	0.965	0.465	0.256	0.253
mdo-mir-200b	450	0.338	0.999	0.906	0.228	0.955	0.885	0.854	0.319	0.367
mdo-mir-200c	480	0.406	1.000	0.987	0.489	0.950	0.934	0.605	0.221	0.228
mdo-mir-203	456	0.480	1.000	0.984	0.469	0.963	0.949	0.906	0.251	0.275
mdo-mir-204	400	0.095	1.000	0.878	0.080	0.966	0.898	0.097	0.320	0.279
mdo-mir-206	406	0.387	1.000	0.996	0.411	0.969	0.962	0.666	0.316	0.329
mdo-mir-208	586	0.800	0.933	0.941	0.615	0.898	0.896	0.490	0.316	0.310
mdo-mir-21	416	0.947	0.952	0.985	0.765	0.955	0.961	0.940	0.243	0.274
mdo-mir-212	482	0.137	0.999	0.846	0.056	0.964	0.881	0.575	0.212	0.215
mdo-mir-214	400	0.405	1.000	0.996	0.545	0.981	0.979	0.077	0.345	0.316
mdo-mir-216	410	0.027	1.000	0.940	0.025	0.978	0.938	0.138	0.309	0.284
mdo-mir-217	456	0.289	1.000	0.964	0.116	0.971	0.919	0.311	0.280	0.265
mdo-mir-218	440	0.434	0.997	0.925	0.507	0.960	0.938	0.825	0.251	0.287
mdo-mir-219	412	0.250	1.000	0.974	0.158	0.974	0.953	0.694	0.256	0.270
mdo-mir-22	376	0.628	0.999	0.986	0.283	0.964	0.951	0.198	0.251	0.239
mdo-mir-221	416	0.000	1.000	0.929	0.014	0.967	0.880	0.273	0.288	0.261
mdo-mir-222a	530	0.709	0.859	0.875	0.865	0.758	0.848	0.786	0.270	0.311
mdo-mir-223	700	0.699	0.959	0.948	0.400	0.960	0.947	0.170	0.276	0.243
mdo-mir-23a	506	0.245	1.000	0.980	0.594	0.952	0.939	0.709	0.315	0.327
mdo-mir-23b	416	0.219	1.000	0.976	0.333	0.953	0.928	0.546	0.252	0.255
mdo-mir-24-1	406	0.291	1.000	0.970	0.009	0.970	0.888	0.089	0.339	0.300
mdo-mir-24-2	506	0.138	1.000	0.985	0.037	0.974	0.936	0.642	0.256	0.264
mdo-mir-25	456	0.871	0.639	0.873	0.774	0.808	0.865	0.634	0.237	0.244
mdo-mir-27a	538	0.100	1.000	0.954	0.060	0.974	0.928	0.325	0.256	0.245
mdo-mir-27b	410	0.568	0.999	0.981	0.427	0.966	0.960	0.375	0.302	0.292
mdo-mir-29a	492	0.000	1.000	0.980	0.135	0.969	0.940	0.249	0.307	0.286

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mdo-mir-29b	522	0.795	0.998	0.989	0.889	0.941	0.959	0.687	0.233	0.244
mdo-mir-302a	516	0.000	1.000	0.997	0.456	0.971	0.964	0.317	0.300	0.293
mdo-mir-302b	516	0.000	1.000	0.993	0.283	0.974	0.964	0.484	0.300	0.300
mdo-mir-302c	404	0.000	1.000	0.984	0.046	0.974	0.946	0.290	0.333	0.318
mdo-mir-302d	786	0.196	1.000	0.978	0.268	0.957	0.914	0.859	0.239	0.293
mdo-mir-30a	326	0.000	1.000	0.990	0.320	0.970	0.959	0.667	0.236	0.249
mdo-mir-31	442	0.192	1.000	0.968	0.533	0.952	0.939	0.513	0.291	0.292
mdo-mir-32	630	0.000	1.000	0.990	0.223	0.972	0.956	0.271	0.280	0.268
mdo-mir-338	490	0.359	1.000	0.973	0.278	0.963	0.936	0.043	0.288	0.249
mdo-mir-34a	490	0.024	1.000	0.969	0.059	0.979	0.953	0.433	0.252	0.248
mdo-mir-365	438	0.495	1.000	0.977	0.384	0.958	0.944	0.116	0.310	0.282
mdo-mir-367	572	0.531	1.000	0.991	0.430	0.961	0.943	0.239	0.354	0.342
mdo-mir-375	492	0.398	0.995	0.917	0.389	0.901	0.861	0.586	0.259	0.263
mdo-mir-383	616	0.000	1.000	0.968	0.072	0.972	0.921	0.388	0.343	0.334
mdo-mir-425	452	0.007	1.000	0.914	0.010	0.974	0.897	0.333	0.271	0.253
mdo-mir-449	486	0.000	1.000	0.990	0.230	0.976	0.965	0.587	0.266	0.272
mdo-mir-451	558	0.000	1.000	0.995	0.561	0.965	0.959	0.621	0.333	0.340
mdo-mir-7	406	0.906	0.854	0.955	0.663	0.911	0.913	0.828	0.303	0.343
mdo-mir-9-1	418	0.785	0.999	0.991	0.522	0.971	0.967	0.592	0.244	0.249
mdo-mir-9-2	442	0.000	1.000	0.995	0.239	0.976	0.966	0.886	0.226	0.248
mdo-mir-92	496	0.308	1.000	0.994	0.566	0.961	0.957	0.806	0.252	0.277
mdo-mir-93	712	0.426	0.991	0.901	0.235	0.948	0.897	0.317	0.232	0.221
mdo-mir-96	400	0.033	1.000	0.952	0.034	0.979	0.948	0.367	0.278	0.271
mdv-mir-M1	486	0.418	1.000	0.996	0.462	0.972	0.965	0.086	0.333	0.306
mdv-mir-M2	586	0.000	1.000	0.997	0.460	0.966	0.961	0.955	0.234	0.263
mdv-mir-M3	450	0.244	1.000	0.983	0.571	0.933	0.929	0.291	0.233	0.221
mdv-mir-M4	852	0.197	1.000	0.984	0.216	0.958	0.918	0.507	0.227	0.229
mdv-mir-M5	406	0.219	1.000	0.952	0.160	0.955	0.892	0.446	0.280	0.273
mdv-mir-M6	188	0.596	0.785	0.766	0.000	32794.000	0.857	0.000	39102.000	0.226
mdv-mir-M7	140	0.879	0.757	0.902	0.764	0.894	0.923	0.179	0.341	0.304
mdv-mir-M8	20	0.050	0.999	0.899	0.000	0.992	0.945	0.000	0.306	0.249
mghv-mir-M1-1	672	0.103	1.000	0.968	0.100	0.967	0.910	0.290	0.272	0.258
mghv-mir-M1-2	558	0.179	1.000	0.938	0.163	0.962	0.918	0.280	0.258	0.244
mghv-mir-M1-3	478	0.487	1.000	0.990	0.616	0.941	0.932	0.801	0.306	0.327
mghv-mir-M1-4	512	0.000	1.000	0.872	0.005	0.973	0.887	0.055	0.340	0.272
mghv-mir-M1-5	464	0.065	1.000	0.920	0.083	0.948	0.862	0.154	0.300	0.268
mghv-mir-M1-6	558	0.000	1.000	0.993	0.057	0.974	0.950	0.366	0.296	0.291
mghv-mir-M1-7	824	0.485	1.000	0.987	0.629	0.921	0.920	0.671	0.272	0.283
mghv-mir-M1-8	556	0.124	1.000	0.970	0.168	0.964	0.918	0.276	0.376	0.350

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mghv-mir-M1-9	614	0.257	1.000	0.989	0.407	0.947	0.920	0.841	0.256	0.283
mml-mir-100	476	0.023	1.000	0.829	0.041	0.963	0.849	0.293	0.267	0.241
mml-mir-101	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
mml-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
mml-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
mml-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
mml-mir-106b	552	0.000	1.000	0.964	0.211	0.967	0.943	0.629	0.215	0.224
mml-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
mml-mir-124a	430	0.063	1.000	0.938	0.085	0.979	0.948	0.248	0.303	0.286
mml-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
mml-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
mml-mir-127	810	0.819	0.556	0.773	0.491	0.904	0.883	0.672	0.271	0.291
mml-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
mml-mir-130a	428	0.168	1.000	0.941	0.313	0.959	0.932	0.443	0.251	0.246
mml-mir-133a	980	0.000	1.000	0.884	0.068	0.965	0.897	0.517	0.287	0.288
mml-mir-135	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
mml-mir-141	402	0.060	1.000	0.938	0.135	0.972	0.946	0.545	0.239	0.241
mml-mir-145	860	0.017	1.000	0.927	0.147	0.971	0.925	0.344	0.284	0.272
mml-mir-153-1	1686	0.000	1.000	0.992	0.022	0.981	0.967	0.252	0.252	0.243
mml-mir-153-2	2636	0.000	1.000	0.987	0.008	0.982	0.961	0.057	0.287	0.261
mml-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
mml-mir-15b	1560	0.021	1.000	0.897	0.001	0.982	0.922	0.024	0.303	0.263
mml-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
mml-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
mml-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
mml-mir-181a-1	520	0.010	1.000	0.754	0.013	0.975	0.875	0.092	0.270	0.233
mml-mir-181a-2	290	0.086	1.000	0.945	0.076	0.977	0.942	0.117	0.294	0.265
mml-mir-181b	400	0.115	1.000	0.933	0.130	0.973	0.934	0.258	0.318	0.291
mml-mir-181c	400	0.405	0.984	0.862	0.492	0.945	0.919	0.945	0.221	0.276
mml-mir-182	700	0.756	0.817	0.872	0.230	0.946	0.884	0.367	0.262	0.246
mml-mir-183	490	0.582	0.980	0.939	0.592	0.940	0.933	0.788	0.258	0.284
mml-mir-188	1156	0.349	0.997	0.902	0.277	0.943	0.885	0.528	0.236	0.236
mml-mir-190	2060	0.367	1.000	0.982	0.332	0.962	0.944	0.366	0.263	0.255
mml-mir-194	2312	0.061	1.000	0.979	0.254	0.967	0.948	0.761	0.220	0.236
mml-mir-196	1372	0.000	1.000	0.963	0.077	0.967	0.913	0.690	0.224	0.238
mml-mir-198	1036	0.424	0.998	0.935	0.512	0.867	0.855	0.673	0.231	0.255
mml-mir-199a	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
mml-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
mml-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mml-mir-19b-2	2394	0.824	0.993	0.981	0.817	0.955	0.964	0.938	0.233	0.261
mml-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
mml-mir-200c	1078	0.365	1.000	0.983	0.532	0.942	0.924	0.768	0.225	0.245
mml-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
mml-mir-211	540	0.293	0.992	0.864	0.177	0.961	0.911	0.055	0.303	0.255
mml-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
mml-mir-215	610	0.539	0.927	0.863	0.159	0.955	0.893	0.630	0.261	0.269
mml-mir-218	1300	0.435	0.996	0.926	0.226	0.969	0.933	0.638	0.248	0.259
mml-mir-219	370	0.335	1.000	0.973	0.278	0.974	0.949	0.054	0.318	0.283
mml-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
mml-mir-220	770	0.991	0.355	0.925	0.992	0.716	0.926	0.988	0.219	0.297
mml-mir-221	680	0.050	0.998	0.750	0.033	0.964	0.890	0.176	0.279	0.251
mml-mir-223	290	0.045	1.000	0.934	0.145	0.974	0.941	0.441	0.291	0.285
mml-mir-224	2062	0.091	1.000	0.934	0.253	0.959	0.930	0.515	0.230	0.232
mml-mir-23a	2282	0.749	0.997	0.983	0.515	0.951	0.935	0.770	0.247	0.263
mml-mir-24-1	1806	0.236	1.000	0.964	0.003	0.976	0.910	0.145	0.309	0.274
mml-mir-24-2	652	0.627	0.964	0.896	0.698	0.842	0.873	0.577	0.301	0.305
mml-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
mml-mir-26a	2152	0.984	0.966	0.998	0.962	0.933	0.965	0.953	0.203	0.239
mml-mir-27a	1480	0.051	1.000	0.941	0.049	0.967	0.903	0.474	0.226	0.225
mml-mir-28	452	0.418	1.000	0.996	0.277	0.970	0.963	0.379	0.244	0.237
mml-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
mml-mir-30a	436	0.713	1.000	0.991	0.346	0.964	0.951	0.467	0.239	0.239
mml-mir-30b	2156	0.000	1.000	0.969	0.210	0.967	0.940	0.716	0.261	0.277
mml-mir-31	2312	0.000	1.000	0.976	0.085	0.973	0.940	0.418	0.277	0.273
mml-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
mml-mir-33	700	0.000	1.000	0.978	0.028	0.974	0.928	0.043	0.285	0.244
mml-mir-34a	960	0.013	1.000	0.892	0.012	0.978	0.930	0.195	0.252	0.231
mml-mir-92	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
mml-mir-93	572	0.145	1.000	0.931	0.100	0.966	0.926	0.190	0.258	0.238
mml-mir-96	1776	0.033	1.000	0.952	0.084	0.968	0.919	0.593	0.274	0.280
mml-mir-98	1550	0.227	1.000	0.984	0.184	0.958	0.937	0.274	0.329	0.301
mml-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
mmu-let-7a-1	510	0.294	1.000	0.995	0.359	0.968	0.961	0.547	0.238	0.245
mmu-let-7a-2	498	0.382	1.000	0.965	0.480	0.959	0.940	0.851	0.222	0.256
mmu-let-7b	456	0.000	1.000	0.996	0.326	0.961	0.954	0.677	0.231	0.243
mmu-let-7c-1	820	0.202	1.000	0.974	0.257	0.967	0.946	0.380	0.227	0.222
mmu-let-7c-2	510	0.292	1.000	0.976	0.269	0.963	0.950	0.659	0.204	0.215
mmu-let-7d	820	0.227	1.000	0.988	0.256	0.971	0.962	0.406	0.249	0.244

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-let-7e	824	0.311	0.999	0.960	0.221	0.966	0.939	0.641	0.219	0.229
mmu-let-7f-1	856	0.000	1.000	0.994	0.039	0.977	0.959	0.222	0.300	0.280
mmu-let-7f-2	770	0.169	1.000	0.997	0.317	0.961	0.949	0.704	0.217	0.223
mmu-let-7g	438	0.057	1.000	0.957	0.040	0.969	0.938	0.004	0.269	0.219
mmu-let-7i	1160	0.028	1.000	0.971	0.185	0.954	0.935	0.479	0.239	0.237
mmu-mir-1-1	416	0.000	1.000	0.996	0.038	0.977	0.956	0.742	0.247	0.266
mmu-mir-1-2	326	0.819	1.000	0.996	0.486	0.960	0.955	0.267	0.264	0.250
mmu-mir-100	476	0.015	1.000	0.856	0.076	0.962	0.865	0.529	0.246	0.242
mmu-mir-101a	736	0.000	1.000	0.995	0.449	0.974	0.970	0.415	0.305	0.299
mmu-mir-101b	410	0.422	0.999	0.979	0.487	0.961	0.957	0.641	0.296	0.305
mmu-mir-103-1	1160	0.000	1.000	0.953	0.036	0.969	0.920	0.238	0.221	0.208
mmu-mir-103-2	976	0.191	1.000	0.948	0.215	0.959	0.922	0.694	0.233	0.246
mmu-mir-106a	852	0.086	1.000	0.963	0.091	0.965	0.898	0.187	0.287	0.263
mmu-mir-106b	832	0.194	1.000	0.939	0.153	0.963	0.915	0.300	0.256	0.239
mmu-mir-107	532	0.226	1.000	0.989	0.151	0.974	0.959	0.046	0.264	0.238
mmu-mir-10a	680	0.363	0.999	0.951	0.276	0.974	0.948	0.889	0.279	0.319
mmu-mir-10b	558	0.887	0.996	0.991	0.874	0.922	0.946	0.972	0.196	0.246
mmu-mir-122a	558	0.000	1.000	0.995	0.053	0.978	0.963	0.662	0.253	0.261
mmu-mir-124a-1	2056	0.000	1.000	0.950	0.152	0.976	0.940	0.224	0.325	0.305
mmu-mir-124a-2	680	0.104	1.000	0.941	0.090	0.977	0.948	0.297	0.294	0.281
mmu-mir-124a-3	800	0.121	1.000	0.979	0.237	0.960	0.925	0.724	0.245	0.263
mmu-mir-125a	760	0.037	1.000	0.916	0.085	0.944	0.841	0.399	0.216	0.203
mmu-mir-125b-1	486	0.924	0.901	0.971	0.662	0.917	0.918	0.800	0.294	0.327
mmu-mir-125b-2	436	0.156	1.000	0.946	0.291	0.956	0.903	0.840	0.230	0.262
mmu-mir-126	426	0.000	1.000	0.991	0.018	0.978	0.949	0.036	0.279	0.247
mmu-mir-127	450	0.656	0.996	0.966	0.552	0.919	0.903	0.674	0.281	0.293
mmu-mir-128a	616	0.000	1.000	0.983	0.305	0.961	0.939	0.086	0.314	0.290
mmu-mir-128b	486	0.780	0.987	0.972	0.696	0.931	0.936	0.025	0.303	0.252
mmu-mir-129-1	426	0.089	1.000	0.922	0.273	0.949	0.903	0.712	0.205	0.219
mmu-mir-129-2	518	0.000	1.000	0.948	0.157	0.972	0.950	0.343	0.278	0.267
mmu-mir-130a	572	0.129	1.000	0.965	0.330	0.917	0.880	0.644	0.214	0.228
mmu-mir-130b	736	0.429	1.000	0.980	0.731	0.940	0.943	0.201	0.260	0.241
mmu-mir-132	572	0.000	1.000	0.982	0.359	0.967	0.950	0.698	0.237	0.248
mmu-mir-133a-1	540	0.000	1.000	0.944	0.212	0.965	0.916	0.636	0.270	0.281
mmu-mir-133a-2	360	0.528	0.953	0.834	0.231	0.953	0.887	0.642	0.224	0.233
mmu-mir-133b	700	0.041	1.000	0.919	0.003	0.981	0.940	0.014	0.263	0.226
mmu-mir-134	436	0.234	0.999	0.920	0.261	0.933	0.881	0.233	0.263	0.238
mmu-mir-135a-1	518	0.000	1.000	0.993	0.171	0.982	0.973	0.193	0.315	0.297
mmu-mir-135a-2	760	0.246	1.000	0.976	0.190	0.974	0.959	0.178	0.263	0.245

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-135b	400	0.325	1.000	0.984	0.516	0.973	0.970	0.603	0.289	0.294
mmu-mir-136	478	0.000	1.000	0.989	0.100	0.973	0.944	0.718	0.280	0.294
mmu-mir-137	506	0.000	1.000	0.988	0.234	0.964	0.942	0.283	0.247	0.236
mmu-mir-138-1	480	0.023	1.000	0.868	0.034	0.970	0.917	0.056	0.283	0.245
mmu-mir-138-2	426	0.153	1.000	0.982	0.283	0.957	0.929	0.357	0.319	0.307
mmu-mir-139	1862	0.293	1.000	0.985	0.184	0.966	0.940	0.193	0.289	0.275
mmu-mir-140	772	0.000	1.000	0.995	0.082	0.970	0.954	0.292	0.229	0.221
mmu-mir-141	326	0.000	1.000	0.975	0.249	0.955	0.930	0.636	0.236	0.245
mmu-mir-142	492	0.500	1.000	0.997	0.676	0.954	0.953	0.653	0.245	0.258
mmu-mir-143	492	0.000	1.000	0.993	0.322	0.964	0.951	0.581	0.233	0.238
mmu-mir-144	478	0.439	1.000	0.996	0.501	0.963	0.958	0.803	0.237	0.252
mmu-mir-145	516	0.333	1.000	0.981	0.391	0.959	0.928	0.667	0.262	0.275
mmu-mir-146	492	0.000	1.000	0.999	0.696	0.959	0.959	0.499	0.277	0.278
mmu-mir-146b	510	0.031	0.999	0.786	0.076	0.967	0.890	0.241	0.312	0.282
mmu-mir-148a	490	0.157	1.000	0.922	0.250	0.964	0.948	0.065	0.259	0.230
mmu-mir-148b	410	0.522	0.956	0.865	0.216	0.951	0.898	0.417	0.320	0.310
mmu-mir-149	838	0.320	1.000	0.975	0.589	0.923	0.912	0.748	0.202	0.220
mmu-mir-150	592	0.000	1.000	0.972	0.260	0.963	0.937	0.399	0.236	0.232
mmu-mir-151	810	0.000	1.000	0.998	0.209	0.976	0.964	0.405	0.250	0.247
mmu-mir-152	426	0.162	1.000	0.966	0.155	0.961	0.933	0.394	0.224	0.217
mmu-mir-153	530	0.485	1.000	0.996	0.100	0.973	0.952	0.083	0.271	0.246
mmu-mir-154	658	0.000	1.000	0.986	0.487	0.946	0.936	0.715	0.232	0.255
mmu-mir-155	572	0.596	1.000	0.991	0.598	0.933	0.931	0.821	0.195	0.219
mmu-mir-15a	466	0.172	1.000	0.968	0.115	0.972	0.927	0.109	0.321	0.283
mmu-mir-15b	572	0.208	1.000	0.960	0.076	0.967	0.906	0.086	0.281	0.249
mmu-mir-16-1	412	0.265	1.000	0.959	0.014	0.981	0.951	0.026	0.294	0.258
mmu-mir-16-2	412	0.024	1.000	0.941	0.144	0.973	0.942	0.731	0.260	0.275
mmu-mir-17	666	0.000	1.000	0.948	0.105	0.971	0.927	0.066	0.302	0.263
mmu-mir-18	1080	0.127	0.998	0.776	0.162	0.948	0.882	0.183	0.229	0.203
mmu-mir-181a-1	438	0.009	1.000	0.846	0.014	0.970	0.871	0.096	0.287	0.242
mmu-mir-181a-2	406	0.000	1.000	0.939	0.046	0.968	0.894	0.269	0.294	0.267
mmu-mir-181b-1	576	0.000	1.000	0.978	0.031	0.983	0.949	0.025	0.338	0.295
mmu-mir-181b-2	428	0.079	1.000	0.961	0.116	0.970	0.934	0.280	0.311	0.294
mmu-mir-181c	708	0.887	0.936	0.970	0.783	0.932	0.943	0.972	0.221	0.270
mmu-mir-182	406	0.204	0.999	0.910	0.132	0.949	0.888	0.557	0.249	0.255
mmu-mir-183	516	0.488	0.999	0.954	0.401	0.933	0.906	0.553	0.252	0.254
mmu-mir-184	550	0.656	1.000	0.990	0.721	0.950	0.952	0.411	0.266	0.261
mmu-mir-185	572	0.000	1.000	0.975	0.209	0.963	0.929	0.961	0.195	0.239
mmu-mir-186	786	0.000	1.000	0.993	0.098	0.976	0.953	0.196	0.296	0.270

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-187	478	0.000	1.000	0.985	0.218	0.947	0.906	0.530	0.240	0.244
mmu-mir-188	450	0.484	0.999	0.961	0.370	0.936	0.891	0.839	0.211	0.250
mmu-mir-190	558	0.536	1.000	0.996	0.530	0.951	0.943	0.355	0.264	0.253
mmu-mir-191	496	0.133	1.000	0.968	0.344	0.960	0.941	0.678	0.216	0.229
mmu-mir-192	432	0.000	1.000	0.958	0.033	0.976	0.931	0.033	0.318	0.271
mmu-mir-193	838	0.000	1.000	0.928	0.096	0.963	0.885	0.477	0.283	0.276
mmu-mir-194-1	558	0.000	1.000	0.991	0.312	0.963	0.952	0.362	0.234	0.229
mmu-mir-194-2	700	0.677	0.999	0.993	0.700	0.941	0.947	0.636	0.260	0.268
mmu-mir-195	412	0.374	0.999	0.960	0.152	0.967	0.942	0.299	0.270	0.260
mmu-mir-196a-1	830	0.046	1.000	0.959	0.148	0.974	0.937	0.558	0.235	0.239
mmu-mir-196a-2	436	0.869	1.000	0.999	0.439	0.974	0.971	0.180	0.227	0.216
mmu-mir-196b	714	0.494	1.000	0.990	0.337	0.972	0.960	0.055	0.310	0.283
mmu-mir-199a-1	796	0.786	0.998	0.984	0.850	0.871	0.917	0.657	0.238	0.255
mmu-mir-199a-2	400	0.535	0.971	0.922	0.195	0.961	0.923	0.083	0.276	0.246
mmu-mir-199b	390	0.282	0.997	0.942	0.210	0.966	0.934	0.362	0.242	0.234
mmu-mir-19a	406	0.000	1.000	0.986	0.269	0.964	0.953	0.783	0.220	0.239
mmu-mir-19b-1	876	0.071	1.000	0.955	0.041	0.972	0.945	0.528	0.238	0.241
mmu-mir-19b-2	456	0.232	1.000	0.993	0.139	0.974	0.959	0.463	0.246	0.245
mmu-mir-200a	418	0.144	1.000	0.986	0.249	0.970	0.959	0.240	0.241	0.230
mmu-mir-200b	436	0.044	1.000	0.937	0.105	0.957	0.889	0.843	0.219	0.255
mmu-mir-200c	700	0.443	1.000	0.985	0.643	0.938	0.928	0.916	0.213	0.243
mmu-mir-201	572	0.000	1.000	0.993	0.135	0.976	0.964	0.325	0.268	0.259
mmu-mir-202	326	0.525	1.000	0.996	0.359	0.967	0.959	0.170	0.241	0.229
mmu-mir-203	406	0.328	1.000	0.987	0.289	0.965	0.947	0.342	0.228	0.223
mmu-mir-204	478	0.000	1.000	0.988	0.054	0.973	0.941	0.026	0.353	0.289
mmu-mir-205	478	0.000	1.000	0.996	0.029	0.981	0.964	0.609	0.279	0.288
mmu-mir-206	506	0.636	1.000	0.999	0.395	0.964	0.958	0.284	0.256	0.241
mmu-mir-207	476	0.861	0.932	0.963	0.959	0.816	0.928	0.598	0.211	0.215
mmu-mir-208	466	0.242	1.000	0.941	0.020	0.982	0.936	0.095	0.289	0.265
mmu-mir-20a	800	0.044	1.000	0.899	0.319	0.954	0.914	0.305	0.237	0.226
mmu-mir-20b	486	0.206	1.000	0.983	0.242	0.969	0.943	0.440	0.283	0.278
mmu-mir-21	512	0.861	0.996	0.985	0.313	0.974	0.966	0.398	0.239	0.237
mmu-mir-210	440	0.116	0.996	0.778	0.274	0.932	0.862	0.158	0.236	0.206
mmu-mir-211	540	0.265	1.000	0.963	0.257	0.971	0.958	0.682	0.239	0.249
mmu-mir-212	422	0.102	0.999	0.827	0.037	0.967	0.880	0.195	0.249	0.225
mmu-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
mmu-mir-215	480	0.237	0.995	0.906	0.150	0.964	0.912	0.250	0.292	0.266
mmu-mir-216a	326	0.000	1.000	0.955	0.024	0.974	0.937	0.458	0.259	0.258
mmu-mir-216b	438	0.189	1.000	0.982	0.328	0.964	0.949	0.519	0.252	0.254

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-217	790	0.062	1.000	0.927	0.057	0.981	0.937	0.014	0.392	0.334
mmu-mir-218-1	770	0.109	1.000	0.969	0.453	0.969	0.954	0.751	0.288	0.316
mmu-mir-218-2	440	0.257	0.998	0.900	0.168	0.967	0.915	0.295	0.276	0.260
mmu-mir-219-1	410	0.659	0.999	0.985	0.544	0.974	0.967	0.576	0.300	0.305
mmu-mir-219-2	690	0.633	1.000	0.984	0.460	0.970	0.959	0.627	0.230	0.237
mmu-mir-22	412	0.066	1.000	0.962	0.078	0.972	0.951	0.170	0.253	0.234
mmu-mir-221	412	0.097	0.999	0.828	0.049	0.963	0.892	0.119	0.284	0.250
mmu-mir-222	476	0.000	1.000	0.990	0.211	0.968	0.950	0.712	0.245	0.264
mmu-mir-223	440	0.150	1.000	0.932	0.318	0.967	0.951	0.416	0.282	0.277
mmu-mir-224	736	0.607	0.998	0.961	0.293	0.963	0.940	0.457	0.240	0.236
mmu-mir-23a	496	0.484	1.000	0.990	0.606	0.953	0.945	0.771	0.231	0.245
mmu-mir-23b	426	0.141	1.000	0.969	0.253	0.948	0.904	0.420	0.252	0.246
mmu-mir-24-1	700	0.233	1.000	0.964	0.005	0.976	0.910	0.102	0.314	0.273
mmu-mir-24-2	430	0.112	0.998	0.786	0.036	0.970	0.893	0.650	0.243	0.253
mmu-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
mmu-mir-26a-1	418	0.993	0.890	0.996	0.947	0.943	0.966	0.431	0.219	0.218
mmu-mir-26a-2	546	0.000	1.000	0.988	0.119	0.977	0.953	0.608	0.246	0.254
mmu-mir-26b	448	0.121	1.000	0.969	0.228	0.966	0.940	0.178	0.259	0.242
mmu-mir-27a	542	0.077	1.000	0.894	0.269	0.945	0.880	0.849	0.188	0.223
mmu-mir-27b	786	0.221	1.000	0.990	0.659	0.946	0.949	0.890	0.210	0.242
mmu-mir-28	442	0.817	0.994	0.985	0.573	0.955	0.947	0.842	0.236	0.266
mmu-mir-290	446	0.143	1.000	0.958	0.169	0.966	0.919	0.116	0.281	0.255
mmu-mir-291a	506	0.000	1.000	0.991	0.512	0.964	0.958	0.803	0.220	0.238
mmu-mir-291b	476	0.042	1.000	0.964	0.152	0.961	0.918	0.398	0.224	0.217
mmu-mir-292	466	0.335	0.999	0.916	0.436	0.944	0.928	0.891	0.211	0.248
mmu-mir-293	476	0.204	1.000	0.969	0.147	0.974	0.937	0.332	0.296	0.285
mmu-mir-294	466	0.155	1.000	0.968	0.119	0.973	0.938	0.160	0.258	0.240
mmu-mir-295	530	0.502	1.000	0.974	0.316	0.959	0.938	0.748	0.242	0.257
mmu-mir-296	756	0.815	0.998	0.993	0.889	0.932	0.954	0.607	0.190	0.196
mmu-mir-297-1	406	0.973	0.931	0.993	0.999	0.765	0.962	0.820	0.237	0.251
mmu-mir-297-2	672	0.594	1.000	0.995	0.114	0.972	0.942	0.550	0.250	0.253
mmu-mir-297b	440	0.875	0.777	0.916	0.950	0.868	0.950	0.767	0.242	0.253
mmu-mir-298	556	0.070	1.000	0.969	0.121	0.962	0.924	0.052	0.264	0.231
mmu-mir-299	884	0.000	1.000	1.000	0.222	0.978	0.973	0.669	0.249	0.255
mmu-mir-29a	860	0.000	1.000	0.957	0.124	0.972	0.939	0.539	0.318	0.321
mmu-mir-29b-1	616	0.451	1.000	0.991	0.758	0.941	0.948	0.640	0.258	0.270
mmu-mir-29b-2	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
mmu-mir-29c	1728	0.573	0.999	0.971	0.537	0.956	0.949	0.689	0.254	0.265
mmu-mir-300	872	0.940	0.991	0.997	0.967	0.934	0.967	0.944	0.215	0.243

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-301	438	0.187	1.000	0.891	0.316	0.952	0.915	0.586	0.256	0.261
mmu-mir-301b	400	0.463	0.939	0.823	0.355	0.923	0.884	0.734	0.227	0.253
mmu-mir-302	810	0.000	1.000	0.995	0.663	0.967	0.966	0.822	0.266	0.282
mmu-mir-302b	596	0.065	1.000	0.947	0.267	0.951	0.901	0.759	0.284	0.307
mmu-mir-302c	450	0.102	1.000	0.965	0.151	0.961	0.905	0.837	0.221	0.249
mmu-mir-302d	478	0.745	1.000	0.998	0.573	0.962	0.956	0.824	0.202	0.225
mmu-mir-30a	436	0.661	1.000	0.993	0.106	0.971	0.952	0.077	0.277	0.239
mmu-mir-30b	498	0.000	1.000	0.975	0.161	0.975	0.960	0.807	0.233	0.250
mmu-mir-30c-1	860	0.267	0.998	0.881	0.198	0.954	0.896	0.880	0.210	0.247
mmu-mir-30c-2	466	0.279	1.000	0.926	0.066	0.967	0.897	0.169	0.306	0.271
mmu-mir-30d	552	0.000	1.000	0.976	0.024	0.977	0.944	0.154	0.276	0.256
mmu-mir-30e	824	0.100	1.000	0.980	0.025	0.980	0.959	0.078	0.283	0.254
mmu-mir-31	800	0.005	1.000	0.922	0.067	0.976	0.935	0.248	0.286	0.270
mmu-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
mmu-mir-320	736	0.235	1.000	0.983	0.639	0.945	0.942	0.781	0.276	0.297
mmu-mir-322	412	0.604	0.996	0.944	0.504	0.965	0.948	0.293	0.337	0.323
mmu-mir-323	980	0.017	1.000	0.870	0.060	0.969	0.901	0.229	0.322	0.294
mmu-mir-324	428	0.145	0.998	0.817	0.241	0.942	0.876	0.417	0.292	0.281
mmu-mir-325	770	0.000	1.000	0.993	0.353	0.983	0.979	0.450	0.330	0.329
mmu-mir-326	692	0.597	0.998	0.973	0.595	0.953	0.947	0.851	0.256	0.289
mmu-mir-328	410	0.888	0.760	0.907	0.769	0.876	0.909	0.766	0.237	0.263
mmu-mir-329	810	0.227	1.000	0.964	0.409	0.971	0.959	0.398	0.337	0.331
mmu-mir-33	450	0.000	1.000	0.979	0.175	0.970	0.948	0.167	0.256	0.233
mmu-mir-330	570	0.121	0.997	0.838	0.151	0.954	0.895	0.075	0.320	0.270
mmu-mir-331	500	0.470	0.999	0.971	0.673	0.952	0.948	0.703	0.274	0.290
mmu-mir-335	510	0.796	0.998	0.993	0.482	0.971	0.968	0.639	0.272	0.280
mmu-mir-337	510	0.722	0.998	0.981	0.645	0.968	0.964	0.255	0.309	0.296
mmu-mir-338	670	0.257	1.000	0.939	0.385	0.962	0.930	0.741	0.286	0.302
mmu-mir-339	400	0.092	0.999	0.769	0.044	0.968	0.875	0.323	0.316	0.296
mmu-mir-340	670	0.215	1.000	0.950	0.141	0.979	0.948	0.517	0.316	0.317
mmu-mir-341	798	0.214	0.999	0.901	0.615	0.922	0.911	0.524	0.264	0.266
mmu-mir-342	1050	0.020	1.000	0.867	0.082	0.967	0.921	0.102	0.337	0.297
mmu-mir-344	412	0.000	1.000	0.989	0.057	0.981	0.964	0.443	0.319	0.316
mmu-mir-345	898	0.341	0.995	0.898	0.318	0.959	0.922	0.492	0.299	0.296
mmu-mir-346	470	0.170	0.999	0.840	0.107	0.969	0.892	0.357	0.323	0.305
mmu-mir-34a	440	0.191	1.000	0.961	0.050	0.978	0.953	0.378	0.248	0.243
mmu-mir-34b	812	0.049	1.000	0.941	0.106	0.969	0.919	0.418	0.282	0.275
mmu-mir-34c	612	0.145	1.000	0.980	0.012	0.978	0.939	0.228	0.264	0.252
mmu-mir-350	460	0.141	1.000	0.903	0.072	0.975	0.914	0.491	0.320	0.319

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-351	460	0.091	0.999	0.798	0.070	0.962	0.874	0.213	0.333	0.296
mmu-mir-361	436	0.000	1.000	0.969	0.024	0.971	0.910	0.498	0.276	0.276
mmu-mir-362	492	0.264	1.000	0.985	0.276	0.952	0.924	0.196	0.308	0.290
mmu-mir-363	486	0.737	0.989	0.962	0.477	0.943	0.921	0.713	0.236	0.252
mmu-mir-365-1	438	0.751	0.997	0.973	0.717	0.951	0.953	0.625	0.291	0.302
mmu-mir-365-2	510	0.635	0.939	0.912	0.310	0.957	0.930	0.122	0.271	0.241
mmu-mir-367	766	0.000	1.000	0.994	0.449	0.967	0.959	0.582	0.258	0.262
mmu-mir-369	756	0.000	1.000	0.995	0.174	0.973	0.959	0.072	0.262	0.234
mmu-mir-370	496	0.071	1.000	0.917	0.062	0.975	0.928	0.262	0.253	0.236
mmu-mir-374	512	0.305	1.000	0.948	0.092	0.972	0.951	0.123	0.284	0.255
mmu-mir-375	784	0.226	0.999	0.913	0.367	0.906	0.864	0.293	0.286	0.264
mmu-mir-376a	450	0.080	1.000	0.920	0.143	0.956	0.878	0.566	0.289	0.297
mmu-mir-376b	456	0.000	1.000	0.996	0.553	0.969	0.967	0.879	0.211	0.238
mmu-mir-376c	722	0.101	1.000	0.964	0.253	0.969	0.937	0.917	0.225	0.261
mmu-mir-377	530	0.415	1.000	0.988	0.331	0.954	0.935	0.092	0.265	0.234
mmu-mir-378	478	0.772	1.000	0.998	0.783	0.942	0.951	0.640	0.268	0.275
mmu-mir-379	478	0.000	1.000	0.987	0.109	0.970	0.933	0.003	0.318	0.267
mmu-mir-380	458	0.000	1.000	0.985	0.146	0.970	0.941	0.273	0.295	0.284
mmu-mir-381	622	0.277	1.000	0.994	0.356	0.965	0.950	0.866	0.218	0.242
mmu-mir-382	586	0.783	0.999	0.993	0.627	0.952	0.950	0.176	0.263	0.246
mmu-mir-383	516	0.149	1.000	0.946	0.055	0.970	0.900	0.182	0.381	0.345
mmu-mir-384	428	0.979	0.506	0.949	0.943	0.820	0.929	0.677	0.246	0.257
mmu-mir-409	476	0.361	1.000	0.986	0.545	0.959	0.950	0.838	0.241	0.260
mmu-mir-410	736	0.000	1.000	0.962	0.065	0.976	0.933	0.541	0.255	0.257
mmu-mir-411	456	0.406	0.999	0.925	0.136	0.962	0.894	0.258	0.252	0.235
mmu-mir-412	566	0.143	1.000	0.962	0.329	0.956	0.922	0.320	0.233	0.224
mmu-mir-423	510	0.033	1.000	0.919	0.030	0.978	0.944	0.334	0.294	0.282
mmu-mir-425	452	0.285	0.993	0.851	0.148	0.947	0.871	0.724	0.208	0.230
mmu-mir-429	546	0.795	0.999	0.993	0.765	0.954	0.959	0.738	0.237	0.250
mmu-mir-431	412	0.981	0.519	0.942	0.997	0.727	0.938	0.920	0.234	0.275
mmu-mir-433	470	0.902	0.551	0.780	0.560	0.913	0.903	0.447	0.245	0.235
mmu-mir-434	692	0.090	1.000	0.917	0.046	0.983	0.928	0.155	0.348	0.323
mmu-mir-448	490	0.502	0.990	0.958	0.614	0.955	0.954	0.504	0.280	0.280
mmu-mir-449	422	0.505	0.999	0.947	0.223	0.970	0.940	0.527	0.278	0.279
mmu-mir-449b	510	0.225	0.999	0.916	0.232	0.966	0.924	0.015	0.254	0.219
mmu-mir-450-1	412	0.000	1.000	0.995	0.145	0.984	0.977	0.264	0.322	0.312
mmu-mir-450-2	450	0.858	1.000	0.999	0.905	0.947	0.966	0.944	0.256	0.290
mmu-mir-450b	456	0.000	1.000	0.986	0.289	0.975	0.962	0.495	0.272	0.273
mmu-mir-451	326	0.000	1.000	0.998	0.141	0.980	0.970	0.886	0.273	0.294

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-452	452	0.097	1.000	0.957	0.000	0.981	0.933	0.096	0.278	0.254
mmu-mir-455	456	0.070	1.000	0.973	0.059	0.975	0.933	0.209	0.305	0.285
mmu-mir-463	406	0.057	1.000	0.843	0.062	0.960	0.871	0.080	0.413	0.356
mmu-mir-464	490	0.916	0.507	0.799	0.957	0.647	0.797	0.918	0.150	0.232
mmu-mir-465	776	0.000	1.000	0.964	0.267	0.963	0.922	0.242	0.333	0.314
mmu-mir-466	426	0.991	0.451	0.967	0.997	0.605	0.917	0.996	0.164	0.278
mmu-mir-467a	426	0.155	1.000	0.982	0.020	0.982	0.952	0.215	0.292	0.280
mmu-mir-467b	606	0.252	1.000	0.962	0.015	0.980	0.923	0.033	0.333	0.297
mmu-mir-468	576	0.512	0.566	0.561	0.614	0.748	0.773	0.618	0.179	0.200
mmu-mir-469	416	0.923	0.684	0.927	0.912	0.791	0.893	0.887	0.257	0.306
mmu-mir-470	486	0.000	1.000	0.882	0.064	0.971	0.893	0.667	0.311	0.325
mmu-mir-471	558	0.000	1.000	0.986	0.144	0.974	0.943	0.733	0.279	0.292
mmu-mir-483	652	0.868	0.919	0.957	0.818	0.873	0.906	0.917	0.178	0.229
mmu-mir-484	410	0.190	1.000	0.941	0.278	0.908	0.865	0.722	0.229	0.263
mmu-mir-485	506	0.443	1.000	0.981	0.131	0.968	0.941	0.345	0.274	0.266
mmu-mir-486	510	0.314	0.992	0.925	0.171	0.972	0.958	0.302	0.208	0.200
mmu-mir-487b	736	0.000	1.000	0.933	0.043	0.973	0.914	0.120	0.305	0.267
mmu-mir-488	790	0.882	0.824	0.931	0.747	0.929	0.937	0.874	0.217	0.240
mmu-mir-489	520	0.602	0.985	0.957	0.479	0.962	0.957	0.229	0.265	0.248
mmu-mir-490	546	0.051	1.000	0.953	0.103	0.971	0.918	0.231	0.361	0.337
mmu-mir-491	552	0.058	1.000	0.955	0.059	0.977	0.939	0.545	0.252	0.254
mmu-mir-494	446	0.135	1.000	0.963	0.191	0.967	0.946	0.207	0.255	0.237
mmu-mir-495	571	0.063	1.000	0.959	0.010	0.971	0.901	0.871	0.232	0.266
mmu-mir-496	486	0.531	1.000	0.997	0.439	0.973	0.967	0.295	0.278	0.272
mmu-mir-497	446	0.072	1.000	0.967	0.023	0.979	0.924	0.161	0.266	0.248
mmu-mir-499	486	0.819	1.000	0.997	0.656	0.963	0.961	0.074	0.304	0.279
mmu-mir-500	412	0.000	1.000	0.864	0.000	0.978	0.882	0.093	0.326	0.273
mmu-mir-501	430	0.574	0.940	0.866	0.275	0.953	0.909	0.097	0.263	0.228
mmu-mir-503	426	0.000	1.000	0.987	0.088	0.968	0.942	0.466	0.235	0.234
mmu-mir-505	418	0.000	1.000	0.958	0.085	0.977	0.941	0.960	0.241	0.278
mmu-mir-532	400	0.263	0.999	0.900	0.212	0.964	0.914	0.211	0.285	0.258
mmu-mir-539	416	0.358	1.000	0.994	0.459	0.951	0.944	0.883	0.176	0.206
mmu-mir-540	838	0.000	1.000	0.980	0.272	0.965	0.944	0.787	0.224	0.237
mmu-mir-541	418	0.002	1.000	0.915	0.022	0.969	0.899	0.017	0.319	0.248
mmu-mir-542	452	0.000	1.000	0.919	0.001	0.981	0.924	0.443	0.259	0.253
mmu-mir-543	496	0.248	1.000	0.960	0.378	0.944	0.910	0.106	0.268	0.243
mmu-mir-546	510	0.282	0.961	0.820	0.406	0.916	0.895	0.394	0.223	0.216
mmu-mir-547	536	0.263	1.000	0.984	0.151	0.971	0.943	0.356	0.235	0.228
mmu-mir-551b	490	0.016	1.000	0.867	0.014	0.972	0.898	0.442	0.272	0.266

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-592	858	0.977	0.852	0.988	0.936	0.934	0.964	0.468	0.257	0.257
mmu-mir-615	412	0.908	0.940	0.978	0.846	0.931	0.949	0.784	0.225	0.242
mmu-mir-652	850	0.211	1.000	0.985	0.485	0.976	0.971	0.619	0.310	0.317
mmu-mir-665	412	0.121	1.000	0.959	0.277	0.962	0.941	0.550	0.298	0.302
mmu-mir-666	490	0.555	0.863	0.775	0.353	0.917	0.866	0.250	0.239	0.215
mmu-mir-667	412	0.063	0.998	0.728	0.046	0.953	0.850	0.154	0.272	0.224
mmu-mir-668	558	0.000	1.000	0.995	0.124	0.962	0.932	0.068	0.253	0.226
mmu-mir-669a-1	410	0.751	0.988	0.962	0.886	0.923	0.954	0.841	0.237	0.254
mmu-mir-669a-2	510	0.614	0.998	0.967	0.723	0.953	0.950	0.577	0.261	0.264
mmu-mir-669a-3	510	0.669	0.971	0.925	0.775	0.932	0.939	0.915	0.254	0.293
mmu-mir-669b	410	0.866	0.991	0.983	0.886	0.947	0.966	0.841	0.299	0.316
mmu-mir-669c	430	0.942	0.815	0.960	0.924	0.923	0.957	0.776	0.235	0.251
mmu-mir-670	740	0.349	0.999	0.936	0.431	0.954	0.927	0.353	0.253	0.243
mmu-mir-671	560	0.027	1.000	0.952	0.167	0.972	0.947	0.198	0.265	0.249
mmu-mir-672	840	0.820	0.974	0.970	0.701	0.951	0.949	0.939	0.207	0.245
mmu-mir-673	412	0.527	0.977	0.874	0.447	0.931	0.901	0.682	0.245	0.260
mmu-mir-674	740	0.359	1.000	0.988	0.109	0.978	0.963	0.273	0.230	0.221
mmu-mir-675	546	0.000	1.000	0.962	0.111	0.978	0.954	0.439	0.278	0.272
mmu-mir-676	428	0.000	1.000	0.976	0.055	0.977	0.950	0.063	0.322	0.285
mmu-mir-677	510	0.963	0.203	0.831	0.912	0.844	0.915	0.973	0.159	0.220
mmu-mir-678	456	0.982	0.091	0.698	0.360	0.863	0.824	0.441	0.262	0.252
mmu-mir-679	416	0.007	1.000	0.906	0.043	0.957	0.873	0.210	0.261	0.233
mmu-mir-680-1	430	0.379	0.729	0.537	0.780	0.764	0.834	0.582	0.220	0.227
mmu-mir-680-2	440	0.830	0.151	0.529	0.859	0.698	0.804	0.713	0.145	0.172
mmu-mir-680-3	442	0.658	0.898	0.866	0.292	0.937	0.884	0.493	0.379	0.373
mmu-mir-681	490	0.241	0.991	0.853	0.182	0.950	0.890	0.414	0.239	0.230
mmu-mir-682	498	0.349	0.805	0.643	0.603	0.806	0.820	0.433	0.219	0.214
mmu-mir-683	410	0.900	0.490	0.797	0.863	0.764	0.864	0.744	0.171	0.199
mmu-mir-684-1	438	0.295	0.958	0.742	0.385	0.870	0.830	0.316	0.229	0.204
mmu-mir-684-2	718	0.212	0.990	0.818	0.243	0.910	0.847	0.150	0.260	0.222
mmu-mir-685	430	0.235	0.902	0.599	0.311	0.896	0.844	0.013	0.254	0.189
mmu-mir-686	430	0.693	0.404	0.580	0.681	0.782	0.820	0.188	0.235	0.194
mmu-mir-687	708	0.129	0.999	0.879	0.239	0.946	0.889	0.048	0.431	0.356
mmu-mir-688	486	0.255	1.000	0.933	0.237	0.949	0.888	0.223	0.302	0.280
mmu-mir-689-1	510	0.586	0.997	0.962	0.759	0.949	0.955	0.622	0.242	0.248
mmu-mir-689-2	610	0.520	0.998	0.960	0.639	0.958	0.957	0.223	0.275	0.263
mmu-mir-690	430	0.753	0.278	0.538	0.440	0.869	0.845	0.634	0.196	0.210
mmu-mir-691	426	0.707	0.936	0.904	0.477	0.906	0.880	0.679	0.282	0.297
mmu-mir-692-1	620	0.374	0.407	0.468	0.438	0.831	0.800	0.397	0.196	0.147

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-692-2	410	0.861	0.401	0.716	0.905	0.734	0.834	0.805	0.202	0.252
mmu-mir-693	428	0.000	1.000	0.998	0.154	0.983	0.978	0.638	0.243	0.249
mmu-mir-694	516	0.138	1.000	0.910	0.170	0.953	0.878	0.334	0.324	0.305
mmu-mir-695	610	0.485	0.860	0.741	0.161	0.931	0.864	0.098	0.297	0.248
mmu-mir-696	200	0.260	0.994	0.896	0.485	0.884	0.866	0.105	0.290	0.244
mmu-mir-697	430	0.416	0.872	0.728	0.478	0.873	0.849	0.370	0.232	0.217
mmu-mir-698	430	0.995	0.005	0.776	0.983	0.685	0.896	0.897	0.202	0.251
mmu-mir-699	492	0.075	0.998	0.795	0.129	0.900	0.788	0.006	0.249	0.177
mmu-mir-7-1	430	0.856	0.969	0.980	0.710	0.960	0.962	0.427	0.241	0.240
mmu-mir-7-2	410	0.010	1.000	0.924	0.123	0.975	0.934	0.617	0.237	0.243
mmu-mir-700	756	0.202	1.000	0.946	0.170	0.955	0.899	0.254	0.249	0.232
mmu-mir-701	790	0.105	0.999	0.860	0.056	0.967	0.896	0.371	0.254	0.242
mmu-mir-702	430	0.633	0.578	0.666	0.447	0.900	0.874	0.382	0.284	0.270
mmu-mir-703	610	0.900	0.393	0.797	0.640	0.890	0.894	0.602	0.235	0.240
mmu-mir-704	486	0.113	1.000	0.890	0.006	0.970	0.864	0.017	0.407	0.328
mmu-mir-705	466	0.509	0.999	0.950	0.393	0.958	0.926	0.463	0.337	0.332
mmu-mir-706	396	0.975	0.947	0.993	0.904	0.942	0.961	0.793	0.226	0.243
mmu-mir-707	566	0.654	0.991	0.941	0.685	0.895	0.907	0.554	0.329	0.329
mmu-mir-708	430	0.186	0.999	0.916	0.228	0.970	0.949	0.155	0.321	0.297
mmu-mir-709	438	0.888	0.630	0.882	0.925	0.768	0.900	0.968	0.167	0.226
mmu-mir-710	410	0.317	0.977	0.864	0.793	0.884	0.913	0.285	0.248	0.232
mmu-mir-711	406	0.480	1.000	0.985	0.525	0.959	0.951	0.712	0.240	0.249
mmu-mir-712	610	0.011	1.000	0.877	0.006	0.978	0.913	0.024	0.251	0.214
mmu-mir-713	510	0.833	0.157	0.518	0.416	0.857	0.836	0.364	0.194	0.183
mmu-mir-714	620	0.618	0.890	0.830	0.525	0.921	0.892	0.075	0.221	0.190
mmu-mir-715	380	0.297	0.951	0.826	0.613	0.873	0.873	0.103	0.248	0.211
mmu-mir-717	610	0.808	0.582	0.794	0.824	0.830	0.895	0.608	0.291	0.298
mmu-mir-718	438	0.311	0.994	0.841	0.282	0.942	0.894	0.399	0.261	0.252
mmu-mir-719	410	0.446	0.873	0.771	0.600	0.844	0.855	0.056	0.345	0.261
mmu-mir-720	572	0.280	0.998	0.928	0.202	0.913	0.852	0.467	0.224	0.220
mmu-mir-721	140	0.643	0.761	0.754	0.164	0.889	0.827	0.257	0.279	0.212
mmu-mir-744	510	0.000	1.000	0.934	0.004	0.980	0.923	0.039	0.290	0.237
mmu-mir-758	456	0.366	0.999	0.947	0.336	0.951	0.920	0.316	0.259	0.247
mmu-mir-759	660	0.412	1.000	0.979	0.470	0.972	0.963	0.751	0.286	0.296
mmu-mir-760	490	0.367	0.968	0.838	0.100	0.967	0.902	0.271	0.266	0.243
mmu-mir-761	766	0.000	1.000	1.000	0.164	0.971	0.963	0.097	0.232	0.212
mmu-mir-762	466	0.358	1.000	0.977	0.313	0.955	0.928	0.374	0.237	0.231
mmu-mir-763	200	0.490	0.995	0.962	0.035	0.981	0.954	0.275	0.250	0.238
mmu-mir-764	430	0.079	1.000	0.937	0.075	0.978	0.944	0.522	0.256	0.257

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mmu-mir-770	408	0.292	1.000	0.955	0.467	0.958	0.946	0.724	0.227	0.238
mmu-mir-7b	490	0.908	0.746	0.920	0.510	0.932	0.911	0.857	0.210	0.249
mmu-mir-801	678	0.296	0.903	0.720	0.336	0.859	0.829	0.174	0.212	0.181
mmu-mir-802	400	0.072	1.000	0.937	0.145	0.970	0.940	0.673	0.268	0.278
mmu-mir-804	578	0.849	0.614	0.822	0.707	0.842	0.870	0.824	0.175	0.209
mmu-mir-805	578	0.253	0.999	0.905	0.364	0.954	0.923	0.610	0.256	0.263
mmu-mir-9-1	1812	0.254	1.000	0.995	0.562	0.967	0.964	0.633	0.262	0.270
mmu-mir-9-2	326	0.433	1.000	0.998	0.470	0.966	0.961	0.901	0.213	0.244
mmu-mir-9-3	428	0.262	1.000	0.996	0.462	0.971	0.966	0.596	0.244	0.250
mmu-mir-92-1	456	0.000	1.000	0.990	0.420	0.972	0.964	0.719	0.292	0.305
mmu-mir-92-2	692	0.040	1.000	0.948	0.085	0.970	0.923	0.462	0.234	0.232
mmu-mir-93	432	0.366	0.999	0.922	0.401	0.953	0.929	0.420	0.250	0.245
mmu-mir-96	447	0.128	1.000	0.926	0.205	0.970	0.935	0.815	0.226	0.246
mmu-mir-98	510	0.071	1.000	0.958	0.152	0.969	0.955	0.343	0.278	0.262
mmu-mir-99a	572	0.000	1.000	0.980	0.543	0.948	0.934	0.908	0.231	0.267
mmu-mir-99b	1008	0.291	0.999	0.934	0.412	0.925	0.893	0.443	0.229	0.225
mne-mir-101	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
mne-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
mne-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
mne-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
mne-mir-106b	552	0.000	1.000	0.964	0.211	0.967	0.943	0.629	0.215	0.224
mne-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
mne-mir-10b	430	0.465	1.000	0.986	0.392	0.978	0.972	0.559	0.266	0.269
mne-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
mne-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
mne-mir-127	810	0.819	0.556	0.773	0.491	0.904	0.883	0.672	0.271	0.291
mne-mir-130a	1712	0.102	1.000	0.954	0.329	0.963	0.946	0.473	0.247	0.246
mne-mir-133a	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294
mne-mir-134	1304	0.169	1.000	0.904	0.296	0.936	0.894	0.594	0.251	0.258
mne-mir-140	480	0.000	1.000	0.987	0.220	0.975	0.966	0.418	0.250	0.248
mne-mir-144	718	0.947	0.991	0.995	0.759	0.963	0.967	0.872	0.236	0.255
mne-mir-145	860	0.017	1.000	0.927	0.147	0.971	0.925	0.344	0.284	0.272
mne-mir-147	326	0.135	1.000	0.838	0.102	0.954	0.874	0.460	0.384	0.373
mne-mir-153-1	1686	0.000	1.000	0.992	0.022	0.981	0.967	0.252	0.252	0.243
mne-mir-153-2	2636	0.000	1.000	0.987	0.008	0.982	0.961	0.057	0.287	0.261
mne-mir-154	456	0.557	1.000	0.979	0.540	0.959	0.952	0.709	0.254	0.271
mne-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
mne-mir-15b	1560	0.021	1.000	0.897	0.001	0.982	0.922	0.024	0.303	0.263
mne-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mne-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
mne-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
mne-mir-181a-1	520	0.010	1.000	0.754	0.013	0.975	0.875	0.092	0.270	0.233
mne-mir-181a-2	490	0.059	1.000	0.930	0.053	0.977	0.924	0.202	0.276	0.252
mne-mir-181b	400	0.115	1.000	0.933	0.130	0.973	0.934	0.258	0.318	0.291
mne-mir-183	490	0.582	0.980	0.939	0.592	0.940	0.933	0.788	0.258	0.284
mne-mir-184	436	0.651	1.000	0.993	0.431	0.969	0.962	0.477	0.222	0.223
mne-mir-187	440	0.975	0.468	0.861	0.416	0.924	0.891	0.775	0.193	0.214
mne-mir-188	1156	0.349	0.997	0.902	0.277	0.943	0.885	0.528	0.236	0.236
mne-mir-194	2312	0.061	1.000	0.979	0.254	0.967	0.948	0.761	0.220	0.236
mne-mir-197	766	0.196	1.000	0.987	0.338	0.968	0.953	0.498	0.244	0.244
mne-mir-198	1036	0.424	0.998	0.935	0.512	0.867	0.855	0.673	0.231	0.255
mne-mir-199a	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
mne-mir-19a	456	0.000	1.000	0.990	0.086	0.971	0.953	0.590	0.232	0.238
mne-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
mne-mir-19b-2	2394	0.824	0.993	0.981	0.817	0.955	0.964	0.938	0.233	0.261
mne-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
mne-mir-204	490	0.018	1.000	0.913	0.124	0.968	0.931	0.043	0.318	0.264
mne-mir-205	560	0.230	1.000	0.954	0.050	0.981	0.957	0.098	0.361	0.327
mne-mir-206	1336	0.269	1.000	0.997	0.252	0.972	0.965	0.172	0.233	0.219
mne-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
mne-mir-211	430	0.265	0.993	0.892	0.113	0.964	0.917	0.028	0.312	0.259
mne-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
mne-mir-215	610	0.539	0.927	0.863	0.159	0.955	0.893	0.630	0.261	0.269
mne-mir-218-1	490	0.112	1.000	0.973	0.094	0.982	0.958	0.161	0.291	0.271
mne-mir-218-2	1300	0.435	0.996	0.926	0.226	0.969	0.933	0.638	0.248	0.259
mne-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
mne-mir-220	470	0.983	0.325	0.904	0.994	0.691	0.922	0.972	0.227	0.300
mne-mir-224	2062	0.091	1.000	0.934	0.253	0.959	0.930	0.515	0.230	0.232
mne-mir-23a	2282	0.749	0.997	0.983	0.515	0.951	0.935	0.770	0.247	0.263
mne-mir-24-1	1806	0.236	1.000	0.964	0.003	0.976	0.910	0.145	0.309	0.274
mne-mir-24-2	652	0.627	0.964	0.896	0.698	0.842	0.873	0.577	0.301	0.305
mne-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
mne-mir-26a	586	0.937	0.999	0.999	0.799	0.963	0.967	0.883	0.212	0.236
mne-mir-27a	756	0.104	1.000	0.953	0.183	0.957	0.899	0.484	0.215	0.212
mne-mir-28	439	0.000	1.000	0.990	0.266	0.970	0.962	0.114	0.264	0.238
mne-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
mne-mir-29b	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
mne-mir-30b	2156	0.000	1.000	0.969	0.210	0.967	0.940	0.716	0.261	0.277

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mne-mir-30c	1304	0.000	1.000	0.932	0.001	0.979	0.902	0.300	0.324	0.302
mne-mir-30d	1680	0.000	1.000	0.981	0.266	0.966	0.940	0.540	0.290	0.294
mne-mir-31	2312	0.000	1.000	0.976	0.085	0.973	0.940	0.418	0.277	0.273
mne-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
mne-mir-33	700	0.000	1.000	0.978	0.028	0.974	0.928	0.043	0.285	0.244
mne-mir-34a	960	0.013	1.000	0.892	0.012	0.978	0.930	0.195	0.252	0.231
mne-mir-7-1	410	0.276	1.000	0.993	0.273	0.978	0.972	0.024	0.261	0.240
mne-mir-7-2	490	0.433	1.000	0.981	0.378	0.975	0.956	0.306	0.267	0.258
mne-mir-9	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
mne-mir-92	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
mne-mir-93	572	0.145	1.000	0.931	0.100	0.966	0.926	0.190	0.258	0.238
mne-mir-96	1776	0.033	1.000	0.952	0.084	0.968	0.919	0.593	0.274	0.280
mne-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
mtr-MIR156	440	0.000	0.026	0.023	0.000	0.909	0.747	0.000	0.254	0.000
mtr-MIR160	490	0.849	0.980	0.985	0.551	0.975	0.974	0.259	0.244	0.237
mtr-MIR162	510	0.696	0.970	0.955	0.500	0.967	0.962	0.588	0.245	0.249
mtr-MIR166	490	0.082	1.000	0.957	0.055	0.981	0.958	0.490	0.289	0.290
mtr-MIR169a	490	0.055	1.000	0.922	0.027	0.979	0.947	0.678	0.218	0.230
mtr-MIR169b	620	0.024	0.999	0.845	0.035	0.975	0.929	0.615	0.218	0.229
mtr-MIR171	700	0.000	1.000	0.970	0.000	0.990	0.956	0.014	0.368	0.304
mtr-MIR319	370	0.232	0.991	0.887	0.105	0.989	0.976	0.281	0.284	0.274
mtr-MIR393	460	0.100	1.000	0.964	0.072	0.985	0.967	0.180	0.393	0.346
mtr-MIR395a	700	0.170	1.000	0.966	0.093	0.985	0.972	0.196	0.286	0.274
mtr-MIR395b	410	0.610	0.966	0.920	0.239	0.975	0.959	0.695	0.237	0.247
mtr-MIR395c	410	0.488	1.000	0.960	0.466	0.972	0.962	0.931	0.247	0.277
mtr-MIR395d	412	0.371	1.000	0.944	0.095	0.978	0.954	0.296	0.284	0.274
mtr-MIR395e	480	0.887	0.933	0.965	0.776	0.950	0.959	0.598	0.277	0.282
mtr-MIR395f	780	0.551	0.891	0.801	0.430	0.936	0.923	0.390	0.252	0.242
mtr-MIR395g	478	0.000	1.000	0.980	0.075	0.970	0.941	0.656	0.254	0.265
mtr-MIR395h	470	0.506	0.996	0.932	0.511	0.956	0.947	0.886	0.261	0.291
mtr-MIR395i	406	0.448	1.000	0.962	0.545	0.926	0.918	0.892	0.193	0.237
mtr-MIR395j	486	0.654	0.993	0.964	0.358	0.947	0.926	0.807	0.211	0.236
mtr-MIR395k	780	0.551	0.891	0.801	0.430	0.936	0.923	0.390	0.252	0.242
mtr-MIR395l	840	0.861	0.716	0.893	0.828	0.908	0.935	0.706	0.231	0.249
mtr-MIR395m	480	0.896	0.611	0.893	0.887	0.902	0.943	0.858	0.240	0.273
mtr-MIR395n	840	0.861	0.716	0.893	0.828	0.908	0.935	0.706	0.231	0.249
mtr-MIR395o	490	0.000	1.000	0.959	0.022	0.971	0.915	0.192	0.293	0.251
mtr-MIR395p	326	0.712	1.000	0.988	0.822	0.932	0.951	0.274	0.319	0.293
mtr-MIR399a	510	0.076	0.998	0.824	0.000	0.988	0.934	0.022	0.286	0.245

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
mtr-MIR399b	400	1.000	0.986	0.989	0.000	0.964	0.857	0.000	0.265	0.000
mtr-MIR399c	400	0.800	0.970	0.976	0.703	0.964	0.966	0.610	0.258	0.266
mtr-MIR399d	410	0.105	0.998	0.919	0.076	0.974	0.942	0.139	0.287	0.253
mtr-MIR399e	490	0.008	1.000	0.832	0.022	0.981	0.928	0.300	0.266	0.252
oar-mir-127	380	0.576	0.839	0.818	0.513	0.906	0.885	0.545	0.190	0.193
oar-mir-136	412	0.000	1.000	0.982	0.088	0.980	0.965	0.761	0.279	0.292
oar-mir-431	380	0.432	0.975	0.893	0.784	0.828	0.877	0.358	0.300	0.283
oar-mir-432	432	0.259	0.998	0.870	0.217	0.956	0.897	0.655	0.304	0.312
osa-MIR156a	480	0.081	1.000	0.943	0.039	0.974	0.944	0.234	0.263	0.243
osa-MIR156b	410	0.400	0.951	0.843	0.132	0.981	0.966	0.071	0.256	0.232
osa-MIR156c	700	0.033	1.000	0.925	0.011	0.984	0.968	0.151	0.210	0.194
osa-MIR156d	500	0.290	0.969	0.845	0.158	0.966	0.939	0.320	0.243	0.232
osa-MIR156e	360	0.681	0.998	0.985	0.755	0.960	0.965	0.960	0.215	0.242
osa-MIR156f	510	0.108	0.640	0.353	0.188	0.940	0.912	0.400	0.197	0.191
osa-MIR156g	510	1.000	0.055	0.811	0.729	0.913	0.928	0.686	0.198	0.219
osa-MIR156h	550	0.900	0.858	0.950	0.803	0.939	0.950	0.709	0.198	0.208
osa-MIR156i	418	0.328	1.000	0.974	0.756	0.942	0.950	0.935	0.207	0.245
osa-MIR156j	490	0.855	0.580	0.817	0.410	0.967	0.961	0.647	0.216	0.223
osa-MIR156k	440	0.055	1.000	0.928	0.014	0.980	0.940	0.518	0.255	0.256
osa-MIR156l	510	0.980	0.220	0.797	0.661	0.936	0.940	0.388	0.276	0.266
osa-MIR159a	700	1.000	0.212	0.464	0.000	0.962	0.880	0.000	0.240	0.000
osa-MIR159b	700	0.009	0.999	0.757	0.014	0.986	0.935	0.220	0.254	0.234
osa-MIR159c	490	0.053	0.989	0.691	0.037	0.983	0.939	0.059	0.230	0.198
osa-MIR159d	410	0.007	0.999	0.738	0.005	0.985	0.939	0.188	0.243	0.223
osa-MIR159e	370	0.019	0.989	0.608	0.032	0.978	0.923	0.092	0.223	0.190
osa-MIR159f	410	0.027	0.998	0.750	0.015	0.987	0.947	0.483	0.266	0.264
osa-MIR160a	432	0.637	0.998	0.977	0.618	0.955	0.953	0.776	0.227	0.245
osa-MIR160b	490	0.116	0.986	0.852	0.041	0.975	0.951	0.139	0.254	0.227
osa-MIR160c	570	0.053	1.000	0.951	0.314	0.973	0.960	0.261	0.246	0.234
osa-MIR160d	670	0.155	0.999	0.913	0.133	0.981	0.959	0.133	0.265	0.245
osa-MIR160e	450	0.693	0.984	0.955	0.556	0.966	0.958	0.702	0.263	0.273
osa-MIR160f	480	0.000	1.000	0.981	0.161	0.978	0.964	0.450	0.230	0.229
osa-MIR162a	510	0.978	0.214	0.693	0.808	0.909	0.931	0.925	0.175	0.220
osa-MIR162b	700	0.381	0.982	0.896	0.353	0.966	0.952	0.683	0.226	0.239
osa-MIR164a	410	0.959	0.234	0.662	0.427	0.934	0.910	0.341	0.194	0.183
osa-MIR164b	430	0.000	1.000	0.935	0.072	0.979	0.952	0.039	0.269	0.239
osa-MIR164c	690	0.258	0.999	0.933	0.270	0.971	0.954	0.584	0.258	0.264
osa-MIR164d	412	0.699	0.998	0.986	0.941	0.929	0.961	0.984	0.245	0.298
osa-MIR164e	490	0.673	0.935	0.914	0.880	0.937	0.958	0.831	0.215	0.235

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
osa-MIR164f	380	0.705	0.789	0.834	0.871	0.946	0.969	0.476	0.227	0.225
osa-MIR166a	370	0.241	0.996	0.926	0.457	0.967	0.964	0.543	0.253	0.259
osa-MIR166b	400	0.777	0.475	0.670	0.780	0.941	0.955	0.378	0.249	0.239
osa-MIR166c	530	0.409	0.990	0.921	0.451	0.962	0.957	0.858	0.229	0.259
osa-MIR166d	440	0.902	0.806	0.932	0.609	0.952	0.949	0.857	0.251	0.283
osa-MIR166e	400	0.098	0.996	0.798	0.070	0.976	0.940	0.198	0.253	0.229
osa-MIR166f	520	0.000	1.000	0.990	0.047	0.983	0.971	0.327	0.268	0.261
osa-MIR166g	620	0.090	1.000	0.896	0.084	0.983	0.950	0.282	0.260	0.248
osa-MIR166h	510	0.094	1.000	0.899	0.078	0.980	0.938	0.239	0.283	0.263
osa-MIR166i	700	0.631	0.885	0.860	0.777	0.945	0.959	0.436	0.274	0.270
osa-MIR166j	700	0.669	0.897	0.878	0.794	0.941	0.958	0.717	0.255	0.265
osa-MIR166k	490	0.159	0.999	0.902	0.092	0.979	0.947	0.024	0.349	0.303
osa-MIR166l	500	0.138	0.998	0.894	0.060	0.976	0.952	0.062	0.245	0.209
osa-MIR166m	190	0.495	0.733	0.689	0.032	0.977	0.951	0.147	0.286	0.259
osa-MIR166n	480	0.469	1.000	0.988	0.611	0.969	0.967	0.934	0.247	0.269
osa-MIR167a	380	0.524	0.990	0.919	0.200	0.983	0.966	0.032	0.274	0.246
osa-MIR167b	400	0.320	0.983	0.868	0.635	0.959	0.960	0.393	0.217	0.212
osa-MIR167c	700	0.104	0.994	0.882	0.010	0.983	0.961	0.140	0.280	0.254
osa-MIR167d	400	0.175	0.999	0.966	0.295	0.964	0.951	0.245	0.267	0.233
osa-MIR167e	490	0.000	0.198	0.195	1.000	0.869	0.873	0.000	0.182	0.000
osa-MIR167f	490	0.204	0.999	0.915	0.027	0.982	0.955	0.151	0.242	0.219
osa-MIR167g	476	0.000	1.000	0.968	0.031	0.980	0.953	0.039	0.289	0.243
osa-MIR167h	200	1.000	0.167	0.892	0.825	0.940	0.955	0.760	0.234	0.261
osa-MIR167i	410	0.000	0.413	0.398	0.000	0.918	0.891	0.000	0.259	0.000
osa-MIR167j	490	0.208	0.965	0.822	0.151	0.972	0.959	0.255	0.225	0.212
osa-MIR168a	488	0.766	0.949	0.933	0.724	0.926	0.928	0.739	0.207	0.223
osa-MIR168b	520	0.835	0.435	0.747	0.235	0.926	0.850	0.321	0.230	0.212
osa-MIR169a	380	0.350	0.999	0.967	0.289	0.987	0.981	0.816	0.218	0.229
osa-MIR169b	400	0.000	1.000	0.920	0.000	0.987	0.950	0.055	0.284	0.241
osa-MIR169c	510	0.975	0.619	0.926	0.598	0.947	0.946	0.445	0.262	0.256
osa-MIR169d	520	0.544	1.000	0.984	0.177	0.974	0.955	0.095	0.372	0.323
osa-MIR169e	410	0.759	0.732	0.832	0.788	0.912	0.934	0.978	0.187	0.240
osa-MIR169f	510	0.180	0.969	0.768	0.080	0.975	0.935	0.027	0.304	0.253
osa-MIR169g	300	0.177	1.000	0.943	0.073	0.978	0.952	0.747	0.209	0.219
osa-MIR169h	490	0.263	1.000	0.975	0.118	0.984	0.968	0.251	0.287	0.274
osa-MIR169i	610	0.554	0.986	0.909	0.106	0.975	0.944	0.298	0.265	0.253
osa-MIR169j	370	0.243	0.990	0.895	0.314	0.960	0.940	0.281	0.216	0.203
osa-MIR169k	420	0.867	0.454	0.732	0.533	0.919	0.916	0.579	0.182	0.188
osa-MIR169l	410	0.044	1.000	0.916	0.069	0.979	0.946	0.669	0.269	0.278

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
osa-MIR169m	700	0.800	0.839	0.910	0.700	0.942	0.949	0.687	0.242	0.254
osa-MIR169n	490	0.229	0.990	0.866	0.216	0.978	0.961	0.514	0.260	0.259
osa-MIR169o	700	0.306	0.945	0.804	0.087	0.976	0.945	0.289	0.237	0.225
osa-MIR169p	510	0.604	0.813	0.792	0.241	0.941	0.923	0.078	0.288	0.207
osa-MIR169q	790	0.819	0.528	0.768	0.402	0.920	0.890	0.248	0.244	0.221
osa-MIR171a	400	0.475	1.000	0.997	0.648	0.970	0.970	0.959	0.226	0.253
osa-MIR171b	840	0.620	0.998	0.984	0.706	0.958	0.961	0.731	0.250	0.264
osa-MIR171c	475	0.501	0.999	0.972	0.421	0.965	0.953	0.768	0.253	0.269
osa-MIR171d	370	0.965	0.172	0.716	0.722	0.901	0.917	0.857	0.225	0.267
osa-MIR171e	470	0.757	0.971	0.959	0.809	0.951	0.962	0.879	0.224	0.247
osa-MIR171f	510	0.925	0.900	0.973	0.957	0.951	0.968	0.435	0.210	0.208
osa-MIR171g	428	0.192	1.000	0.991	0.618	0.954	0.955	0.441	0.251	0.247
osa-MIR171h	830	0.710	0.999	0.981	0.386	0.980	0.973	0.201	0.333	0.320
osa-MIR171i	175	0.469	0.999	0.994	0.000	0.988	0.970	0.114	0.306	0.278
osa-MIR172a	790	0.086	1.000	0.978	0.100	0.972	0.944	0.307	0.272	0.251
osa-MIR172b	400	0.000	0.367	0.320	0.000	0.951	0.898	0.000	0.258	0.000
osa-MIR172c	410	1.000	0.999	1.000	0.000	0.938	0.861	0.000	0.159	0.000
osa-MIR172d	400	0.370	0.988	0.924	0.305	0.963	0.953	0.600	0.226	0.233
osa-MIR319a	390	0.208	0.999	0.954	0.113	0.989	0.979	0.390	0.255	0.251
osa-MIR319b	400	0.015	0.995	0.710	0.007	0.987	0.947	0.085	0.244	0.216
osa-MIR390	412	0.000	1.000	0.991	0.050	0.981	0.968	0.339	0.245	0.240
osa-MIR393	410	0.646	0.933	0.917	0.595	0.941	0.942	0.380	0.220	0.214
osa-MIR393b	510	0.669	0.850	0.859	0.406	0.954	0.943	0.539	0.217	0.214
osa-MIR394	490	0.622	0.990	0.969	0.327	0.969	0.953	0.202	0.294	0.271
osa-MIR395a	370	0.732	0.950	0.947	0.138	0.974	0.949	0.411	0.216	0.212
osa-MIR395b	448	0.692	1.000	0.999	0.425	0.973	0.970	0.203	0.229	0.218
osa-MIR395c	428	0.600	1.000	0.994	0.397	0.970	0.963	0.057	0.307	0.276
osa-MIR395d	438	0.244	1.000	0.996	0.290	0.970	0.962	0.635	0.235	0.245
osa-MIR395e	438	0.073	1.000	0.969	0.349	0.962	0.949	0.496	0.223	0.224
osa-MIR395f	456	0.305	1.000	0.991	0.537	0.965	0.958	0.736	0.224	0.237
osa-MIR395g	444	0.000	1.000	0.988	0.129	0.974	0.957	0.507	0.291	0.291
osa-MIR395h	370	0.665	0.956	0.922	0.408	0.965	0.952	0.054	0.232	0.206
osa-MIR395i	580	0.490	1.000	0.990	0.501	0.965	0.963	0.591	0.276	0.281
osa-MIR395j	290	0.493	0.992	0.949	0.476	0.964	0.959	0.479	0.247	0.245
osa-MIR395k	570	0.749	0.998	0.989	0.653	0.960	0.964	0.634	0.283	0.290
osa-MIR395l	688	0.299	1.000	0.984	0.500	0.967	0.963	0.579	0.270	0.274
osa-MIR395m	40	0.375	1.000	0.984	0.000	0.990	0.973	0.150	0.258	0.247
osa-MIR395n	852	0.000	1.000	1.000	0.647	0.965	0.967	0.460	0.253	0.250
osa-MIR395o	530	0.553	1.000	0.999	0.484	0.958	0.954	0.041	0.271	0.235

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
osa-MIR395p	530	0.834	1.000	1.000	0.836	0.956	0.965	0.855	0.206	0.224
osa-MIR395q	450	0.000	1.000	0.995	0.463	0.956	0.951	0.688	0.235	0.253
osa-MIR395r	450	0.256	1.000	0.987	0.470	0.941	0.929	0.877	0.181	0.216
osa-MIR395s	448	0.000	1.000	0.994	0.106	0.974	0.957	0.631	0.283	0.292
osa-MIR395t	390	0.618	0.956	0.927	0.554	0.964	0.959	0.559	0.242	0.246
osa-MIR395u	448	0.404	0.997	0.921	0.280	0.951	0.912	0.185	0.310	0.289
osa-MIR395v	450	0.793	0.993	0.970	0.844	0.835	0.904	0.869	0.203	0.238
osa-MIR395w	530	0.500	0.999	0.962	0.346	0.939	0.914	0.038	0.333	0.283
osa-MIR396a	400	0.453	0.817	0.728	0.375	0.940	0.924	0.338	0.240	0.225
osa-MIR396b	360	0.961	0.650	0.959	0.967	0.936	0.970	0.989	0.193	0.233
osa-MIR396c	700	0.000	0.611	0.103	0.000	0.931	0.836	0.000	0.182	0.000
osa-MIR396d	480	0.863	0.316	0.672	0.733	0.849	0.880	0.842	0.188	0.232
osa-MIR396e	190	0.532	0.674	0.649	0.511	0.936	0.931	0.705	0.190	0.204
osa-MIR397a	560	0.412	1.000	0.963	0.339	0.983	0.974	0.041	0.287	0.259
osa-MIR397b	490	0.020	1.000	0.949	0.037	0.977	0.940	0.010	0.311	0.235
osa-MIR398a	350	0.997	0.531	0.976	0.851	0.945	0.959	0.706	0.261	0.277
osa-MIR398b	431	0.000	1.000	0.997	0.471	0.973	0.970	0.813	0.223	0.240
osa-MIR399a	410	0.795	0.856	0.911	0.849	0.925	0.952	0.463	0.277	0.273
osa-MIR399b	490	0.200	1.000	0.980	0.145	0.971	0.951	0.103	0.271	0.245
osa-MIR399c	410	0.680	0.958	0.945	0.637	0.950	0.954	0.812	0.200	0.227
osa-MIR399d	608	0.997	0.045	0.626	0.944	0.890	0.955	0.691	0.244	0.259
osa-MIR399e	500	0.494	0.990	0.928	0.274	0.970	0.952	0.350	0.268	0.259
osa-MIR399f	200	0.390	0.994	0.927	0.230	0.966	0.933	0.240	0.305	0.277
osa-MIR399g	490	0.000	1.000	0.964	0.080	0.978	0.954	0.041	0.269	0.239
osa-MIR399h	480	0.000	1.000	0.991	0.295	0.974	0.967	0.794	0.246	0.276
osa-MIR399i	490	0.165	0.998	0.942	0.108	0.966	0.938	0.051	0.290	0.247
osa-MIR399j	540	0.154	1.000	0.923	0.360	0.958	0.937	0.773	0.217	0.242
osa-MIR399k	490	0.308	0.984	0.939	0.255	0.948	0.913	0.496	0.208	0.171
osa-MIR408	410	0.263	0.662	0.480	0.385	0.942	0.916	0.524	0.216	0.217
osa-MIR413	510	0.757	0.574	0.712	0.984	0.729	0.858	0.747	0.192	0.240
osa-MIR414	620	0.139	0.929	0.561	0.066	0.925	0.816	0.139	0.214	0.169
osa-MIR415	510	1.000	0.016	0.561	0.973	0.780	0.875	0.518	0.273	0.277
osa-MIR416	520	0.813	0.339	0.662	0.550	0.857	0.850	0.767	0.187	0.217
osa-MIR417	558	0.711	0.983	0.962	0.126	0.940	0.877	0.154	0.328	0.280
osa-MIR418	456	0.605	0.873	0.833	0.655	0.851	0.864	0.315	0.240	0.223
osa-MIR419	470	0.198	0.923	0.616	0.251	0.879	0.829	0.559	0.188	0.195
osa-MIR420	470	0.030	0.991	0.658	0.021	0.975	0.886	0.013	0.303	0.233
osa-MIR426	490	0.306	0.850	0.673	0.194	0.933	0.878	0.137	0.266	0.220
osa-MIR435	490	0.135	0.966	0.740	0.420	0.907	0.882	0.500	0.230	0.227

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
osa-MIR437	400	0.998	0.196	0.791	0.922	0.968	0.977	0.932	0.175	0.208
osa-MIR438	590	0.669	0.484	0.598	0.442	0.952	0.949	0.195	0.229	0.199
osa-MIR439a	924	0.983	0.945	0.995	0.973	0.939	0.974	0.875	0.251	0.269
osa-MIR439b	824	0.784	1.000	0.997	0.850	0.936	0.956	0.429	0.278	0.275
osa-MIR439c	924	0.983	0.945	0.995	0.973	0.939	0.974	0.875	0.251	0.269
osa-MIR439d	490	0.753	1.000	0.992	0.276	0.982	0.972	0.895	0.286	0.308
osa-MIR439e	566	0.977	0.945	0.994	0.953	0.949	0.977	0.879	0.289	0.306
osa-MIR439f	498	0.978	0.945	0.994	0.966	0.946	0.975	0.871	0.274	0.291
osa-MIR439g	432	0.975	0.942	0.993	0.976	0.919	0.970	0.935	0.258	0.283
osa-MIR439h	670	0.987	0.930	0.995	0.965	0.951	0.978	0.866	0.296	0.312
osa-MIR439i	460	0.963	0.945	0.990	0.919	0.957	0.975	0.655	0.307	0.315
osa-MIR439j	490	1.000	0.834	0.837	0.000	0.928	0.904	0.000	0.221	0.000
osa-MIR440	190	0.258	1.000	0.987	0.000	0.993	0.975	0.211	0.258	0.247
osa-MIR441a	290	0.052	1.000	0.946	0.028	0.992	0.980	0.717	0.283	0.294
osa-MIR441b	140	0.014	1.000	0.967	0.000	1.000	0.979	0.007	0.361	0.309
osa-MIR441c	490	0.000	1.000	1.000	0.061	0.994	0.993	0.929	0.208	0.222
osa-MIR442	490	0.445	0.657	0.596	0.192	0.977	0.966	0.045	0.243	0.211
osa-MIR443	410	0.385	1.000	0.973	0.298	0.985	0.979	0.468	0.250	0.249
osa-MIR444	490	0.000	1.000	0.993	0.006	0.991	0.982	0.794	0.214	0.225
osa-MIR445a	400	0.217	0.967	0.828	0.312	0.987	0.982	0.805	0.200	0.215
osa-MIR445b	100	0.640	0.948	0.905	0.280	0.992	0.988	0.350	0.248	0.242
osa-MIR445c	410	0.534	0.987	0.942	0.398	0.992	0.989	0.702	0.228	0.234
osa-MIR445d	134	0.381	0.889	0.776	0.000	0.997	0.986	0.112	0.257	0.242
osa-MIR445e	490	0.522	0.986	0.940	0.392	0.992	0.989	0.690	0.221	0.227
osa-MIR445f	410	0.934	0.556	0.877	0.800	0.987	0.990	0.632	0.237	0.242
osa-MIR445g	300	0.680	0.908	0.887	0.373	0.991	0.987	0.460	0.247	0.246
osa-MIR445h	490	0.622	0.959	0.924	0.418	0.992	0.990	0.671	0.224	0.229
osa-MIR445i	290	0.317	0.995	0.941	0.121	0.992	0.987	0.272	0.246	0.238
osa-MIR446	400	0.615	1.000	1.000	0.787	0.991	0.992	0.760	0.261	0.269
osa-MIR528	432	0.708	0.957	0.911	0.511	0.946	0.936	0.655	0.239	0.248
osa-MIR529	660	0.450	0.994	0.937	0.387	0.955	0.942	0.831	0.205	0.248
osa-MIR530	370	0.581	0.904	0.849	0.703	0.930	0.940	0.362	0.284	0.259
osa-MIR531	436	0.438	1.000	0.998	0.197	0.979	0.969	0.502	0.247	0.247
osa-MIR535	408	0.534	0.998	0.953	0.835	0.939	0.952	0.987	0.167	0.219
osa-MIR806a	410	0.815	0.390	0.612	0.410	0.973	0.969	0.229	0.242	0.219
osa-MIR806b	700	0.857	0.706	0.875	0.869	0.971	0.979	0.796	0.240	0.269
osa-MIR806c	330	0.597	0.590	0.622	0.397	0.979	0.976	0.461	0.212	0.211
osa-MIR806d	380	0.687	0.504	0.627	0.397	0.979	0.975	0.439	0.245	0.240
osa-MIR806e	470	0.902	0.545	0.833	0.689	0.980	0.983	0.130	0.284	0.255

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
osa-MIR806f	700	0.870	0.752	0.895	0.503	0.985	0.984	0.087	0.293	0.257
osa-MIR806g	490	0.749	0.606	0.723	0.376	0.979	0.976	0.188	0.254	0.228
osa-MIR806h	380	0.842	0.653	0.824	0.750	0.982	0.985	0.308	0.278	0.263
osa-MIR807a	330	0.161	0.943	0.750	0.003	0.990	0.968	0.006	0.276	0.237
osa-MIR807b	410	0.000	1.000	0.999	0.044	0.992	0.988	0.088	0.244	0.226
osa-MIR807c	199	0.960	0.982	0.997	0.995	0.000	0.986	0.995	0.000	0.231
osa-MIR808	200	0.000	1.000	1.000	0.000	1.003	0.994	0.500	0.233	0.233
osa-MIR809a	380	0.000	1.000	0.999	0.839	0.990	0.991	0.908	0.226	0.238
osa-MIR809b	200	0.770	0.992	0.990	0.010	0.991	0.984	0.095	0.256	0.238
osa-MIR809c	700	0.366	1.000	0.981	0.523	0.986	0.982	0.486	0.222	0.221
osa-MIR809d	450	0.000	1.000	0.996	0.038	0.992	0.989	0.276	0.212	0.207
osa-MIR809e	700	0.000	1.000	1.000	0.034	0.993	0.991	0.624	0.203	0.206
osa-MIR809f	410	0.000	1.000	0.993	0.041	0.993	0.988	0.612	0.223	0.227
osa-MIR809g	120	0.483	1.000	1.000	0.000	0.996	0.990	0.333	0.237	0.233
osa-MIR809h	490	0.000	1.000	1.000	0.480	0.992	0.991	0.586	0.229	0.232
osa-MIR810	370	0.227	1.000	0.995	0.076	0.995	0.994	0.827	0.229	0.238
osa-MIR811a	700	0.114	1.000	0.997	0.323	0.990	0.988	0.660	0.195	0.201
osa-MIR811b	400	0.300	1.000	0.998	0.040	0.993	0.989	0.102	0.228	0.209
osa-MIR811c	410	0.632	1.000	0.998	0.541	0.989	0.989	0.507	0.220	0.220
osa-MIR812a	410	0.973	0.335	0.884	0.832	0.973	0.981	0.241	0.262	0.251
osa-MIR812b	410	0.132	0.926	0.678	0.068	0.976	0.956	0.146	0.273	0.231
osa-MIR812c	310	0.990	0.314	0.880	0.981	0.920	0.962	0.655	0.262	0.283
osa-MIR812d	510	0.292	0.965	0.815	0.078	0.973	0.935	0.055	0.312	0.249
osa-MIR812e	410	0.666	0.809	0.828	0.300	0.971	0.963	0.210	0.271	0.245
osa-MIR813	380	0.084	1.000	0.977	0.137	0.990	0.986	0.237	0.215	0.206
osa-MIR814a	410	0.000	1.000	0.997	0.042	0.985	0.977	0.773	0.230	0.241
osa-MIR814b	496	0.000	1.000	1.000	0.139	0.984	0.981	0.623	0.248	0.253
osa-MIR814c	436	0.000	1.000	0.998	0.178	0.980	0.972	0.944	0.197	0.227
osa-MIR815a	736	0.891	0.974	0.981	0.875	0.928	0.953	0.795	0.233	0.248
osa-MIR815b	700	0.123	1.000	0.977	0.533	0.978	0.976	0.916	0.179	0.199
osa-MIR815c	290	0.555	0.856	0.832	0.714	0.845	0.876	0.307	0.252	0.227
osa-MIR816	406	0.818	1.000	1.000	0.563	0.976	0.973	0.013	0.242	0.215
osa-MIR817	456	0.000	1.000	1.000	0.184	0.985	0.983	0.729	0.225	0.232
osa-MIR818a	380	0.000	1.000	0.995	0.121	0.989	0.985	0.621	0.218	0.221
osa-MIR818b	510	0.000	1.000	0.997	0.012	0.991	0.981	0.382	0.242	0.238
osa-MIR818c	700	0.000	1.000	0.994	0.207	0.993	0.989	0.211	0.261	0.250
osa-MIR818d	480	0.298	1.000	0.989	0.358	0.986	0.983	0.431	0.247	0.244
osa-MIR818e	400	0.022	0.990	0.679	0.102	0.983	0.967	0.323	0.243	0.229
osa-MIR819a	510	0.000	1.000	1.000	0.012	0.992	0.990	0.704	0.211	0.217

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
osa-MIR819b	490	0.000	1.000	0.999	0.282	0.994	0.993	0.671	0.209	0.213
osa-MIR819c	490	0.000	1.000	1.000	0.012	0.994	0.992	0.512	0.221	0.222
osa-MIR819d	140	0.000	1.000	1.000	0.000	1.003	0.993	0.371	0.222	0.222
osa-MIR819e	510	0.000	1.000	1.000	0.029	0.994	0.993	0.363	0.221	0.219
osa-MIR819f	410	0.000	1.000	1.000	0.220	0.993	0.992	0.532	0.229	0.231
osa-MIR819g	490	0.000	1.000	0.998	0.067	0.992	0.990	0.676	0.222	0.228
osa-MIR819h	410	0.000	1.000	1.000	0.012	0.994	0.991	0.610	0.217	0.220
osa-MIR819i	490	0.143	1.000	0.978	0.273	0.988	0.985	0.261	0.244	0.235
osa-MIR819j	470	0.000	1.000	0.997	0.530	0.992	0.991	0.404	0.230	0.229
osa-MIR819k	400	0.000	1.000	1.000	0.198	0.993	0.992	0.520	0.212	0.213
osa-MIR820a	610	0.202	1.000	0.978	0.105	0.990	0.985	0.813	0.215	0.226
osa-MIR820b	400	0.000	1.000	0.986	0.007	0.993	0.988	0.630	0.237	0.240
osa-MIR820c	400	0.000	1.000	0.992	0.000	0.993	0.988	0.395	0.225	0.223
osa-MIR821a	490	0.365	0.999	0.972	0.131	0.995	0.992	0.059	0.243	0.227
osa-MIR821b	480	0.823	0.754	0.885	0.790	0.983	0.987	0.779	0.217	0.230
osa-MIR821c	380	0.361	0.997	0.949	0.082	0.994	0.991	0.087	0.247	0.228
ppa-mir-1	900	0.689	1.000	0.999	0.704	0.967	0.970	0.860	0.235	0.269
ppa-mir-100	1430	0.123	1.000	0.871	0.225	0.944	0.868	0.501	0.246	0.242
ppa-mir-101	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
ppa-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
ppa-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
ppa-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
ppa-mir-106b	1932	0.000	1.000	0.958	0.141	0.965	0.927	0.529	0.224	0.226
ppa-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
ppa-mir-10a	370	0.249	0.999	0.929	0.257	0.970	0.929	0.686	0.294	0.312
ppa-mir-10b	480	0.394	1.000	0.990	0.163	0.983	0.973	0.325	0.276	0.270
ppa-mir-124a	1330	0.000	1.000	0.967	0.153	0.978	0.962	0.381	0.294	0.287
ppa-mir-125b	432	0.035	1.000	0.870	0.083	0.968	0.909	0.691	0.261	0.276
ppa-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
ppa-mir-130a	1712	0.102	1.000	0.954	0.329	0.963	0.946	0.473	0.247	0.246
ppa-mir-133a	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294
ppa-mir-134	1304	0.169	1.000	0.904	0.296	0.936	0.894	0.594	0.251	0.258
ppa-mir-135-1	432	0.000	1.000	0.990	0.171	0.980	0.970	0.210	0.281	0.265
ppa-mir-135-2	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
ppa-mir-136	1380	0.000	1.000	0.982	0.078	0.981	0.964	0.631	0.280	0.287
ppa-mir-139	1862	0.293	1.000	0.985	0.184	0.966	0.940	0.193	0.289	0.275
ppa-mir-141	492	0.049	1.000	0.936	0.126	0.971	0.942	0.356	0.260	0.251
ppa-mir-143	750	0.068	1.000	0.904	0.142	0.971	0.931	0.347	0.292	0.280
ppa-mir-144	442	0.557	0.999	0.969	0.537	0.954	0.942	0.708	0.244	0.255

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ppa-mir-147	978	0.021	1.000	0.882	0.006	0.969	0.878	0.358	0.269	0.253
ppa-mir-154	1610	0.609	1.000	0.983	0.558	0.958	0.954	0.726	0.238	0.256
ppa-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
ppa-mir-15b	2230	0.197	1.000	0.899	0.100	0.971	0.921	0.055	0.296	0.262
ppa-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
ppa-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
ppa-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
ppa-mir-181a-1	520	0.010	1.000	0.754	0.013	0.975	0.875	0.092	0.270	0.233
ppa-mir-181a-2	410	0.180	1.000	0.978	0.156	0.977	0.961	0.117	0.291	0.267
ppa-mir-181b	470	0.332	0.999	0.939	0.209	0.970	0.937	0.332	0.318	0.296
ppa-mir-181c	440	0.661	0.681	0.734	0.338	0.932	0.886	0.882	0.209	0.262
ppa-mir-183	680	0.550	0.956	0.879	0.525	0.941	0.919	0.672	0.248	0.260
ppa-mir-186	1770	0.223	1.000	0.989	0.434	0.971	0.965	0.698	0.252	0.267
ppa-mir-187	1270	0.789	0.790	0.869	0.406	0.927	0.889	0.609	0.214	0.224
ppa-mir-188	1325	0.288	0.997	0.888	0.242	0.943	0.882	0.576	0.233	0.237
ppa-mir-190	2060	0.367	1.000	0.982	0.332	0.962	0.944	0.366	0.263	0.255
ppa-mir-195	880	0.000	1.000	0.984	0.329	0.971	0.954	0.978	0.230	0.288
ppa-mir-196	680	0.959	0.824	0.975	0.688	0.966	0.969	0.455	0.233	0.233
ppa-mir-197	1550	0.168	1.000	0.974	0.214	0.968	0.939	0.480	0.253	0.252
ppa-mir-198	1134	0.986	0.231	0.895	0.796	0.781	0.850	0.814	0.210	0.258
ppa-mir-199a	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
ppa-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
ppa-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
ppa-mir-19b-2	2394	0.824	0.993	0.981	0.817	0.955	0.964	0.938	0.233	0.261
ppa-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
ppa-mir-204	490	0.018	1.000	0.913	0.124	0.968	0.931	0.043	0.318	0.264
ppa-mir-205	520	0.037	1.000	0.934	0.029	0.981	0.952	0.017	0.382	0.329
ppa-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
ppa-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
ppa-mir-216	440	0.923	0.616	0.897	0.809	0.890	0.921	0.901	0.233	0.280
ppa-mir-217	370	0.081	0.999	0.846	0.119	0.969	0.909	0.059	0.297	0.255
ppa-mir-218-1	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
ppa-mir-218-2	1300	0.435	0.996	0.926	0.226	0.969	0.933	0.638	0.248	0.259
ppa-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
ppa-mir-220	620	0.892	0.421	0.798	0.612	0.883	0.878	0.703	0.215	0.229
ppa-mir-221	680	0.050	0.998	0.750	0.033	0.964	0.890	0.176	0.279	0.251
ppa-mir-223	440	0.002	1.000	0.911	0.067	0.972	0.937	0.245	0.291	0.271
ppa-mir-224	2062	0.091	1.000	0.934	0.253	0.959	0.930	0.515	0.230	0.232
ppa-mir-23a	2282	0.749	0.997	0.983	0.515	0.951	0.935	0.770	0.247	0.263

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ppa-mir-23b	1610	0.229	0.995	0.868	0.249	0.949	0.899	0.322	0.244	0.230
ppa-mir-24-1	1806	0.236	1.000	0.964	0.003	0.976	0.910	0.145	0.309	0.274
ppa-mir-24-2	1720	0.806	0.919	0.930	0.897	0.782	0.889	0.687	0.242	0.256
ppa-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
ppa-mir-26a	2152	0.984	0.966	0.998	0.962	0.933	0.965	0.953	0.203	0.239
ppa-mir-27a	1480	0.051	1.000	0.941	0.049	0.967	0.903	0.474	0.226	0.225
ppa-mir-28	1774	0.237	1.000	0.997	0.208	0.973	0.964	0.218	0.252	0.237
ppa-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
ppa-mir-29b-1	2242	0.551	1.000	0.984	0.712	0.952	0.956	0.519	0.267	0.269
ppa-mir-29b-2	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
ppa-mir-30a	1750	0.527	1.000	0.989	0.119	0.970	0.950	0.069	0.277	0.240
ppa-mir-30b	2156	0.000	1.000	0.969	0.210	0.967	0.940	0.716	0.261	0.277
ppa-mir-30d	1680	0.000	1.000	0.981	0.266	0.966	0.940	0.540	0.290	0.294
ppa-mir-31	2312	0.000	1.000	0.976	0.085	0.973	0.940	0.418	0.277	0.273
ppa-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
ppa-mir-33	1400	0.000	1.000	0.974	0.059	0.974	0.948	0.167	0.251	0.230
ppa-mir-34a	520	0.092	1.000	0.932	0.117	0.977	0.946	0.554	0.264	0.266
ppa-mir-7-1	1020	0.340	1.000	0.973	0.343	0.971	0.963	0.062	0.258	0.240
ppa-mir-7-2	490	0.078	1.000	0.924	0.061	0.975	0.908	0.408	0.273	0.267
ppa-mir-7-3	680	0.268	0.990	0.814	0.138	0.962	0.900	0.382	0.264	0.253
ppa-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
ppa-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
ppa-mir-93	868	0.158	1.000	0.944	0.140	0.964	0.929	0.344	0.250	0.241
ppa-mir-95	566	0.694	1.000	0.999	0.703	0.966	0.968	0.808	0.259	0.274
ppa-mir-96	1776	0.033	1.000	0.952	0.084	0.968	0.919	0.593	0.274	0.280
ppa-mir-98	1550	0.227	1.000	0.984	0.184	0.958	0.937	0.274	0.329	0.301
ppa-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
ppt-MIR1210	560	0.339	1.000	0.983	0.583	0.964	0.963	0.425	0.205	0.203
ppt-MIR1211	410	0.290	1.000	0.999	0.471	0.982	0.979	0.980	0.214	0.249
ppt-MIR1212	428	0.778	0.962	0.950	0.776	0.922	0.934	0.899	0.202	0.228
ppt-MIR1213	510	0.704	0.885	0.888	0.453	0.970	0.964	0.243	0.244	0.233
ppt-MIR1214	412	0.602	0.999	0.971	0.428	0.963	0.948	0.868	0.262	0.285
ppt-MIR1215	490	0.296	0.997	0.969	0.157	0.976	0.962	0.527	0.226	0.206
ppt-MIR1216	490	0.000	1.000	0.909	0.016	0.989	0.966	0.233	0.247	0.236
ppt-MIR1217	430	0.012	1.000	0.953	0.019	0.984	0.944	0.716	0.231	0.241
ppt-MIR1218	530	0.272	0.999	0.961	0.232	0.978	0.966	0.581	0.225	0.227
ppt-MIR1219a	290	0.069	0.999	0.908	0.076	0.978	0.948	0.328	0.227	0.221
ppt-MIR1219b	476	0.420	0.971	0.864	0.306	0.901	0.860	0.416	0.214	0.209
ppt-MIR1219c	130	0.277	0.835	0.648	0.000	0.983	0.921	0.008	0.350	0.262

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ppt-MIR1219d	170	0.024	1.000	0.934	0.000	0.993	0.957	0.394	0.250	0.246
ppt-MIR1220a	700	0.000	0.613	0.603	0.000	0.902	0.844	0.000	0.195	0.000
ppt-MIR1220b	450	0.998	0.034	0.542	0.880	0.860	0.910	0.916	0.163	0.214
ppt-MIR1221	210	0.843	0.764	0.886	0.838	0.945	0.962	0.810	0.207	0.221
ppt-MIR1222	330	0.042	1.000	0.974	0.058	0.983	0.971	0.327	0.254	0.246
ppt-MIR1223	490	0.051	1.000	0.899	0.008	0.985	0.960	0.010	0.291	0.240
ppt-MIR156a	400	0.128	0.999	0.925	0.050	0.979	0.950	0.595	0.232	0.234
ppt-MIR319a	480	0.006	1.000	0.798	0.013	0.987	0.938	0.033	0.237	0.208
ppt-MIR319b	410	0.222	0.999	0.900	0.141	0.987	0.964	0.400	0.242	0.237
ppt-MIR319c	410	0.020	1.000	0.817	0.010	0.990	0.961	0.398	0.231	0.223
ppt-MIR319d	590	0.031	1.000	0.849	0.012	0.990	0.961	0.542	0.227	0.228
ppt-MIR390a	460	0.643	0.980	0.962	0.550	0.970	0.970	0.678	0.212	0.220
ppt-MIR390b	400	0.613	0.909	0.879	0.603	0.965	0.964	0.672	0.213	0.220
ppt-MIR390c	200	0.100	1.000	0.907	0.080	0.982	0.950	0.220	0.281	0.257
ppt-MIR533a	470	0.483	0.990	0.897	0.468	0.957	0.948	0.244	0.258	0.242
ppt-MIR533b	490	0.906	0.982	0.994	0.696	0.976	0.978	0.963	0.192	0.217
ppt-MIR534	160	0.825	0.296	0.572	0.325	0.942	0.914	0.456	0.217	0.211
ppt-MIR535a	670	0.324	0.998	0.950	0.172	0.982	0.968	0.216	0.269	0.254
ppt-MIR535b	466	0.000	1.000	0.976	0.034	0.980	0.952	0.614	0.251	0.256
ppt-MIR535c	676	0.000	1.000	0.994	0.119	0.983	0.970	0.145	0.255	0.244
ppt-MIR535d	446	0.527	1.000	0.979	0.680	0.959	0.957	0.540	0.255	0.256
ppt-MIR536	700	0.767	0.343	0.531	0.477	0.939	0.930	0.594	0.203	0.210
ppt-MIR537a	700	0.736	0.706	0.782	0.570	0.948	0.946	0.524	0.212	0.198
ppt-MIR537b	380	0.716	0.922	0.911	0.345	0.973	0.955	0.763	0.206	0.221
ppt-MIR538a	450	0.084	0.990	0.792	0.073	0.982	0.969	0.089	0.257	0.230
ppt-MIR538b	410	0.020	1.000	0.884	0.017	0.976	0.946	0.134	0.234	0.211
ppt-MIR538c	700	0.314	0.988	0.916	0.261	0.976	0.960	0.489	0.240	0.240
ppy-mir-100	1430	0.123	1.000	0.871	0.225	0.944	0.868	0.501	0.246	0.242
ppy-mir-101	1208	0.000	1.000	0.995	0.247	0.972	0.960	0.423	0.307	0.301
ppy-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
ppy-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
ppy-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
ppy-mir-106b	1932	0.000	1.000	0.958	0.141	0.965	0.927	0.529	0.224	0.226
ppy-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
ppy-mir-10a	250	0.240	1.000	0.969	0.096	0.980	0.949	0.804	0.273	0.302
ppy-mir-124a	520	0.144	1.000	0.959	0.150	0.976	0.952	0.371	0.294	0.286
ppy-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
ppy-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
ppy-mir-127	2390	0.842	0.417	0.750	0.553	0.894	0.880	0.618	0.261	0.270

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ppy-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
ppy-mir-133a	980	0.000	1.000	0.884	0.068	0.965	0.897	0.517	0.287	0.288
ppy-mir-134	1304	0.169	1.000	0.904	0.296	0.936	0.894	0.594	0.251	0.258
ppy-mir-135	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
ppy-mir-136	1380	0.000	1.000	0.982	0.078	0.981	0.964	0.631	0.280	0.287
ppy-mir-141	512	0.041	1.000	0.923	0.101	0.969	0.920	0.345	0.260	0.249
ppy-mir-143	1480	0.271	0.997	0.895	0.253	0.966	0.933	0.406	0.267	0.261
ppy-mir-144	438	0.623	1.000	0.992	0.445	0.969	0.964	0.846	0.240	0.256
ppy-mir-145	2168	0.049	1.000	0.936	0.166	0.970	0.928	0.572	0.269	0.274
ppy-mir-147	978	0.021	1.000	0.882	0.006	0.969	0.878	0.358	0.269	0.253
ppy-mir-153	1686	0.000	1.000	0.992	0.022	0.981	0.967	0.252	0.252	0.243
ppy-mir-154	1610	0.609	1.000	0.983	0.558	0.958	0.954	0.726	0.238	0.256
ppy-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
ppy-mir-15b	2230	0.197	1.000	0.899	0.100	0.971	0.921	0.055	0.296	0.262
ppy-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
ppy-mir-17	536	0.450	0.999	0.964	0.335	0.958	0.929	0.467	0.250	0.248
ppy-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
ppy-mir-181a-1	520	0.010	1.000	0.754	0.013	0.975	0.875	0.092	0.270	0.233
ppy-mir-181b	490	0.208	1.000	0.938	0.198	0.971	0.936	0.078	0.342	0.298
ppy-mir-182	210	0.524	0.943	0.873	0.210	0.952	0.888	0.629	0.241	0.256
ppy-mir-184	798	0.598	0.999	0.980	0.659	0.955	0.953	0.801	0.230	0.243
ppy-mir-187	510	0.961	0.434	0.833	0.610	0.906	0.898	0.876	0.187	0.227
ppy-mir-188	1325	0.288	0.997	0.888	0.242	0.943	0.882	0.576	0.233	0.237
ppy-mir-194	448	0.094	1.000	0.979	0.228	0.967	0.948	0.705	0.224	0.235
ppy-mir-196-1	1372	0.000	1.000	0.963	0.077	0.967	0.913	0.690	0.224	0.238
ppy-mir-196-2	680	0.959	0.824	0.975	0.688	0.966	0.969	0.455	0.233	0.233
ppy-mir-197	1550	0.168	1.000	0.974	0.214	0.968	0.939	0.480	0.253	0.252
ppy-mir-198	1134	0.986	0.231	0.895	0.796	0.781	0.850	0.814	0.210	0.258
ppy-mir-199a	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
ppy-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
ppy-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
ppy-mir-19b-2	2394	0.824	0.993	0.981	0.817	0.955	0.964	0.938	0.233	0.261
ppy-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
ppy-mir-200c	1078	0.365	1.000	0.983	0.532	0.942	0.924	0.768	0.225	0.245
ppy-mir-204	490	0.018	1.000	0.913	0.124	0.968	0.931	0.043	0.318	0.264
ppy-mir-206	1336	0.269	1.000	0.997	0.252	0.972	0.965	0.172	0.233	0.219
ppy-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
ppy-mir-211	500	0.972	0.306	0.819	0.400	0.926	0.892	0.374	0.297	0.281
ppy-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ppy-mir-215	520	0.062	0.998	0.763	0.044	0.969	0.894	0.050	0.327	0.282
ppy-mir-216	490	0.522	0.991	0.948	0.773	0.934	0.942	0.941	0.236	0.289
ppy-mir-218-1	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
ppy-mir-218-2	1300	0.435	0.996	0.926	0.226	0.969	0.933	0.638	0.248	0.259
ppy-mir-219	440	0.341	0.998	0.909	0.106	0.970	0.923	0.099	0.282	0.237
ppy-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
ppy-mir-221	680	0.050	0.998	0.750	0.033	0.964	0.890	0.176	0.279	0.251
ppy-mir-223	410	0.000	1.000	0.959	0.110	0.975	0.948	0.388	0.288	0.278
ppy-mir-224	2062	0.091	1.000	0.934	0.253	0.959	0.930	0.515	0.230	0.232
ppy-mir-23a	2282	0.749	0.997	0.983	0.515	0.951	0.935	0.770	0.247	0.263
ppy-mir-23b	1610	0.229	0.995	0.868	0.249	0.949	0.899	0.322	0.244	0.230
ppy-mir-24-1	1806	0.236	1.000	0.964	0.003	0.976	0.910	0.145	0.309	0.274
ppy-mir-24-2	1720	0.806	0.919	0.930	0.897	0.782	0.889	0.687	0.242	0.256
ppy-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
ppy-mir-26a	2152	0.984	0.966	0.998	0.962	0.933	0.965	0.953	0.203	0.239
ppy-mir-27a	476	0.090	1.000	0.950	0.147	0.959	0.908	0.637	0.218	0.230
ppy-mir-28	452	0.365	1.000	0.997	0.474	0.967	0.964	0.455	0.240	0.238
ppy-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
ppy-mir-29b-1	2242	0.551	1.000	0.984	0.712	0.952	0.956	0.519	0.267	0.269
ppy-mir-29b-2	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
ppy-mir-30a	1750	0.527	1.000	0.989	0.119	0.970	0.950	0.069	0.277	0.240
ppy-mir-31	2312	0.000	1.000	0.976	0.085	0.973	0.940	0.418	0.277	0.273
ppy-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
ppy-mir-33	530	0.000	1.000	0.981	0.089	0.973	0.944	0.155	0.256	0.234
ppy-mir-34a	440	0.018	1.000	0.888	0.006	0.978	0.931	0.227	0.248	0.232
ppy-mir-7-1	1020	0.340	1.000	0.973	0.343	0.971	0.963	0.062	0.258	0.240
ppy-mir-7-2	700	0.126	1.000	0.956	0.077	0.980	0.936	0.089	0.297	0.269
ppy-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
ppy-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
ppy-mir-93	868	0.158	1.000	0.944	0.140	0.964	0.929	0.344	0.250	0.241
ppy-mir-95	1686	0.619	1.000	0.994	0.701	0.964	0.965	0.933	0.251	0.276
ppy-mir-98	1550	0.227	1.000	0.984	0.184	0.958	0.937	0.274	0.329	0.301
ppy-mir-99a	486	0.000	1.000	0.968	0.240	0.969	0.949	0.571	0.272	0.275
ptc-MIR156a	480	0.171	1.000	0.969	0.025	0.981	0.961	0.372	0.254	0.248
ptc-MIR156b	470	0.000	1.000	0.977	0.018	0.982	0.962	0.365	0.284	0.276
ptc-MIR156c	560	0.000	1.000	0.989	0.050	0.981	0.966	0.170	0.303	0.287
ptc-MIR156d	550	0.098	1.000	0.921	0.005	0.982	0.923	0.056	0.304	0.270
ptc-MIR156e	570	0.430	1.000	0.980	0.208	0.975	0.962	0.322	0.297	0.287
ptc-MIR156f	470	0.147	1.000	0.974	0.144	0.976	0.962	0.119	0.264	0.244

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptc-MIR156g	440	0.070	1.000	0.960	0.200	0.972	0.956	0.559	0.278	0.282
ptc-MIR156h	540	0.144	1.000	0.921	0.186	0.968	0.942	0.470	0.282	0.278
ptc-MIR156i	480	0.165	0.998	0.907	0.085	0.961	0.924	0.230	0.263	0.240
ptc-MIR156j	840	0.067	1.000	0.971	0.154	0.972	0.956	0.443	0.283	0.280
ptc-MIR156k	470	0.162	0.999	0.844	0.023	0.980	0.917	0.356	0.307	0.294
ptc-MIR159a	410	0.005	1.000	0.809	0.002	0.988	0.940	0.027	0.264	0.233
ptc-MIR159b	490	0.524	0.942	0.858	0.673	0.958	0.956	0.302	0.287	0.273
ptc-MIR159c	424	0.009	1.000	0.813	0.002	0.988	0.942	0.021	0.264	0.233
ptc-MIR159d	400	0.072	0.990	0.702	0.020	0.985	0.926	0.425	0.273	0.265
ptc-MIR159e	490	0.673	0.666	0.728	0.143	0.975	0.935	0.120	0.290	0.259
ptc-MIR159f	410	0.473	0.944	0.873	0.712	0.961	0.960	0.771	0.224	0.238
ptc-MIR160a	460	0.417	1.000	0.976	0.085	0.981	0.965	0.457	0.281	0.280
ptc-MIR160b	480	0.073	1.000	0.964	0.069	0.981	0.951	0.259	0.320	0.304
ptc-MIR160c	490	0.108	1.000	0.968	0.066	0.981	0.951	0.182	0.323	0.303
ptc-MIR160d	460	0.387	0.998	0.942	0.127	0.975	0.952	0.122	0.291	0.269
ptc-MIR160e	840	0.000	1.000	0.989	0.343	0.985	0.979	0.435	0.307	0.304
ptc-MIR160f	560	0.000	1.000	0.953	0.098	0.983	0.960	0.140	0.337	0.316
ptc-MIR160g	600	0.138	1.000	0.980	0.050	0.977	0.953	0.356	0.272	0.265
ptc-MIR160h	660	0.000	1.000	0.964	0.025	0.978	0.940	0.257	0.265	0.248
ptc-MIR162a	800	0.164	1.000	0.939	0.215	0.968	0.942	0.429	0.252	0.249
ptc-MIR162b	680	0.288	0.997	0.907	0.176	0.963	0.931	0.457	0.277	0.273
ptc-MIR162c	680	0.288	0.997	0.907	0.176	0.963	0.931	0.457	0.277	0.273
ptc-MIR164a	548	0.000	1.000	0.975	0.085	0.969	0.930	0.303	0.302	0.283
ptc-MIR164b	490	0.369	0.910	0.794	0.165	0.963	0.925	0.173	0.280	0.248
ptc-MIR164c	456	0.224	1.000	0.991	0.350	0.972	0.957	0.363	0.285	0.278
ptc-MIR164d	490	0.039	1.000	0.960	0.011	0.981	0.946	0.051	0.313	0.280
ptc-MIR164e	410	0.995	0.147	0.840	0.866	0.919	0.948	0.973	0.230	0.301
ptc-MIR164f	432	0.000	1.000	0.992	0.244	0.976	0.966	0.950	0.237	0.264
ptc-MIR166a	400	0.575	0.731	0.708	0.233	0.953	0.909	0.338	0.250	0.235
ptc-MIR166b	620	0.273	1.000	0.974	0.188	0.977	0.960	0.339	0.289	0.280
ptc-MIR166c	400	0.087	1.000	0.896	0.030	0.984	0.941	0.035	0.393	0.333
ptc-MIR166d	460	0.459	0.999	0.931	0.511	0.966	0.953	0.789	0.257	0.274
ptc-MIR166e	480	0.000	1.000	0.984	0.000	0.984	0.958	0.017	0.299	0.246
ptc-MIR166f	540	0.459	0.999	0.955	0.251	0.975	0.955	0.338	0.276	0.267
ptc-MIR166g	820	0.378	1.000	0.990	0.670	0.968	0.969	0.863	0.265	0.291
ptc-MIR166h	570	0.000	1.000	0.964	0.070	0.983	0.954	0.111	0.380	0.331
ptc-MIR166i	510	0.196	0.999	0.962	0.478	0.946	0.938	0.508	0.249	0.236
ptc-MIR166j	400	0.155	0.989	0.872	0.075	0.973	0.933	0.007	0.291	0.243
ptc-MIR166k	400	0.155	0.989	0.872	0.075	0.973	0.933	0.007	0.291	0.243

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptc-MIR166l	490	0.031	1.000	0.901	0.032	0.978	0.918	0.295	0.323	0.304
ptc-MIR166m	460	0.235	1.000	0.903	0.163	0.974	0.942	0.124	0.311	0.286
ptc-MIR166n	490	0.606	0.199	0.281	0.712	0.910	0.927	0.576	0.222	0.227
ptc-MIR166o	370	1.000	0.034	0.038	0.000	0.888	0.791	0.000	0.186	0.000
ptc-MIR166p	490	0.027	0.976	0.615	0.569	0.896	0.891	0.408	0.260	0.247
ptc-MIR166q	400	0.062	1.000	0.927	0.120	0.980	0.957	0.100	0.298	0.258
ptc-MIR167a	432	0.206	1.000	0.973	0.480	0.955	0.944	0.911	0.240	0.272
ptc-MIR167b	400	0.282	1.000	0.964	0.037	0.977	0.947	0.205	0.295	0.275
ptc-MIR167c	428	0.206	1.000	0.982	0.448	0.962	0.954	0.494	0.262	0.262
ptc-MIR167d	420	0.567	0.983	0.926	0.303	0.957	0.923	0.132	0.257	0.228
ptc-MIR167e	692	0.497	1.000	0.995	0.328	0.978	0.970	0.559	0.289	0.293
ptc-MIR167f	438	0.126	1.000	0.976	0.200	0.970	0.950	0.789	0.287	0.309
ptc-MIR167g	442	0.000	1.000	0.962	0.257	0.968	0.951	0.513	0.283	0.284
ptc-MIR167h	412	0.320	1.000	0.991	0.158	0.979	0.965	0.846	0.293	0.325
ptc-MIR168a	490	0.000	0.859	0.844	0.000	0.967	0.882	0.000	0.294	0.000
ptc-MIR168b	200	0.585	0.945	0.903	0.080	0.969	0.942	0.165	0.252	0.232
ptc-MIR169a	490	0.998	0.084	0.636	0.935	0.863	0.920	0.955	0.166	0.224
ptc-MIR169aa	450	0.291	0.971	0.826	0.263	0.948	0.928	0.028	0.287	0.235
ptc-MIR169ab	430	0.014	1.000	0.828	0.007	0.978	0.906	0.075	0.312	0.259
ptc-MIR169ac	430	0.602	0.860	0.799	0.392	0.940	0.914	0.244	0.243	0.224
ptc-MIR169ad	550	0.438	0.988	0.897	0.178	0.962	0.927	0.190	0.274	0.254
ptc-MIR169ae	420	0.010	1.000	0.814	0.000	0.978	0.903	0.100	0.308	0.258
ptc-MIR169af	520	0.012	1.000	0.873	0.016	0.979	0.918	0.299	0.274	0.256
ptc-MIR169b	320	0.497	0.999	0.970	0.297	0.978	0.966	0.212	0.301	0.276
ptc-MIR169c	540	0.313	0.998	0.932	0.672	0.949	0.952	0.895	0.229	0.258
ptc-MIR169d	670	0.696	0.999	0.977	0.293	0.986	0.976	0.287	0.321	0.308
ptc-MIR169e	510	0.000	0.417	0.414	0.000	0.915	0.885	0.000	0.237	0.000
ptc-MIR169f	410	1.000	0.054	0.239	0.000	0.937	0.773	0.000	0.258	0.000
ptc-MIR169g	410	0.400	0.996	0.961	0.166	0.963	0.937	0.290	0.283	0.264
ptc-MIR169h	400	0.253	0.987	0.901	0.365	0.950	0.940	0.302	0.260	0.236
ptc-MIR169i	700	0.180	1.000	0.959	0.031	0.982	0.957	0.274	0.301	0.286
ptc-MIR169j	400	0.210	0.995	0.926	0.083	0.973	0.939	0.393	0.253	0.245
ptc-MIR169k	400	0.133	0.759	0.439	0.003	0.974	0.901	0.000	0.328	0.219
ptc-MIR169l	700	0.780	0.663	0.803	0.221	0.955	0.924	0.660	0.242	0.257
ptc-MIR169m	400	0.247	0.993	0.881	0.092	0.971	0.928	0.542	0.221	0.224
ptc-MIR169n	610	0.936	0.413	0.846	0.832	0.918	0.941	0.818	0.212	0.236
ptc-MIR169o	720	0.724	0.999	0.982	0.701	0.967	0.968	0.531	0.276	0.278
ptc-MIR169p	720	0.724	0.999	0.982	0.701	0.967	0.968	0.531	0.276	0.278
ptc-MIR169q	400	0.362	0.979	0.864	0.163	0.962	0.918	0.090	0.241	0.211

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptc-MIR169r	700	0.340	1.000	0.969	0.379	0.975	0.963	0.257	0.272	0.262
ptc-MIR169s	130	0.992	0.354	0.925	0.908	0.926	0.954	0.831	0.247	0.275
ptc-MIR169t	510	0.394	0.989	0.909	0.471	0.943	0.932	0.494	0.287	0.285
ptc-MIR169u	440	0.668	0.820	0.828	0.118	0.965	0.924	0.364	0.224	0.214
ptc-MIR169v	510	0.645	0.977	0.926	0.488	0.959	0.942	0.933	0.245	0.296
ptc-MIR169w	440	0.534	0.875	0.761	0.170	0.962	0.909	0.584	0.281	0.288
ptc-MIR169x	290	0.631	0.760	0.779	0.403	0.917	0.894	0.355	0.257	0.242
ptc-MIR169y	510	0.035	1.000	0.898	0.022	0.983	0.925	0.304	0.301	0.282
ptc-MIR169z	490	0.822	0.752	0.874	0.594	0.929	0.930	0.716	0.234	0.255
ptc-MIR171a	360	0.192	1.000	0.990	0.173	0.981	0.972	0.015	0.317	0.280
ptc-MIR171b	460	0.704	1.000	0.997	0.327	0.980	0.975	0.865	0.243	0.260
ptc-MIR171c	360	0.308	0.996	0.886	0.324	0.965	0.949	0.697	0.231	0.242
ptc-MIR171d	480	0.177	0.999	0.923	0.119	0.971	0.947	0.263	0.260	0.247
ptc-MIR171e	408	0.199	1.000	0.989	0.582	0.972	0.970	0.032	0.326	0.299
ptc-MIR171f	450	0.376	1.000	0.965	0.282	0.982	0.969	0.367	0.236	0.231
ptc-MIR171g	660	0.106	1.000	0.965	0.185	0.974	0.959	0.421	0.290	0.285
ptc-MIR171h	840	0.000	1.000	0.976	0.206	0.977	0.962	0.235	0.283	0.269
ptc-MIR171i	510	0.461	0.993	0.942	0.265	0.975	0.961	0.282	0.292	0.268
ptc-MIR171j	402	0.224	0.990	0.765	0.152	0.947	0.864	0.142	0.291	0.252
ptc-MIR171k	426	0.758	0.999	0.985	0.492	0.965	0.954	0.133	0.291	0.273
ptc-MIR172a	390	0.000	0.984	0.946	0.000	0.935	0.862	0.000	0.292	0.000
ptc-MIR172b	450	0.716	0.736	0.806	0.573	0.942	0.941	0.738	0.233	0.251
ptc-MIR172c	200	0.725	0.865	0.892	0.430	0.957	0.947	0.385	0.271	0.263
ptc-MIR172d	410	0.000	0.716	0.678	1.000	0.960	0.966	0.000	0.249	0.000
ptc-MIR172e	370	0.527	0.953	0.856	0.243	0.968	0.949	0.597	0.246	0.251
ptc-MIR172f	490	0.937	0.334	0.758	0.533	0.943	0.936	0.369	0.246	0.237
ptc-MIR172g	410	0.163	0.983	0.833	0.056	0.971	0.935	0.407	0.226	0.221
ptc-MIR172h	420	0.462	0.905	0.788	0.481	0.947	0.934	0.645	0.249	0.261
ptc-MIR172i	410	0.207	0.987	0.794	0.054	0.969	0.881	0.254	0.277	0.251
ptc-MIR319a	640	0.008	1.000	0.825	0.016	0.988	0.956	0.458	0.241	0.238
ptc-MIR319b	490	0.341	0.977	0.851	0.029	0.988	0.960	0.155	0.267	0.246
ptc-MIR319c	490	0.631	0.871	0.849	0.408	0.975	0.960	0.737	0.235	0.248
ptc-MIR319d	400	0.718	0.931	0.918	0.665	0.977	0.974	0.740	0.225	0.233
ptc-MIR319e	260	0.350	0.881	0.690	0.154	0.973	0.937	0.219	0.241	0.217
ptc-MIR319f	410	0.907	0.563	0.846	0.717	0.969	0.970	0.907	0.216	0.235
ptc-MIR319g	380	0.776	0.534	0.726	0.282	0.973	0.947	0.321	0.260	0.249
ptc-MIR319h	510	0.835	0.519	0.775	0.739	0.947	0.955	0.939	0.214	0.248
ptc-MIR319i	482	0.770	0.894	0.907	0.638	0.904	0.900	0.768	0.236	0.258
ptc-MIR390a	250	0.464	0.976	0.916	0.160	0.967	0.951	0.284	0.255	0.238

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptc-MIR390b	820	0.171	0.999	0.897	0.498	0.952	0.943	0.990	0.214	0.294
ptc-MIR390c	400	0.287	1.000	0.966	0.300	0.980	0.967	0.077	0.279	0.259
ptc-MIR390d	460	0.578	0.937	0.872	0.505	0.947	0.941	0.690	0.226	0.242
ptc-MIR393a	452	0.117	1.000	0.968	0.208	0.973	0.955	0.269	0.263	0.252
ptc-MIR393b	456	0.318	1.000	0.984	0.462	0.967	0.959	0.657	0.266	0.277
ptc-MIR393c	440	0.211	1.000	0.948	0.311	0.966	0.954	0.419	0.252	0.248
ptc-MIR393d	440	0.977	0.745	0.973	0.977	0.919	0.961	0.945	0.212	0.260
ptc-MIR394a	418	0.000	1.000	0.976	0.049	0.976	0.947	0.418	0.278	0.273
ptc-MIR394b	418	0.019	1.000	0.946	0.047	0.974	0.926	0.125	0.330	0.290
ptc-MIR395a	510	0.751	0.702	0.815	0.478	0.973	0.963	0.355	0.255	0.247
ptc-MIR395b	490	0.165	1.000	0.934	0.031	0.974	0.920	0.087	0.289	0.244
ptc-MIR395c	470	0.217	0.999	0.954	0.421	0.955	0.932	0.962	0.155	0.214
ptc-MIR395d	470	0.106	1.000	0.958	0.295	0.966	0.940	0.903	0.215	0.258
ptc-MIR395e	400	0.273	1.000	0.969	0.282	0.977	0.962	0.200	0.298	0.278
ptc-MIR395f	500	0.498	0.989	0.933	0.236	0.969	0.950	0.202	0.292	0.266
ptc-MIR395g	820	0.309	0.997	0.934	0.207	0.960	0.927	0.711	0.232	0.252
ptc-MIR395h	820	0.309	0.997	0.934	0.207	0.960	0.927	0.711	0.232	0.252
ptc-MIR395i	770	0.275	0.998	0.930	0.199	0.960	0.928	0.689	0.235	0.253
ptc-MIR395j	770	0.275	0.998	0.930	0.199	0.960	0.928	0.689	0.235	0.253
ptc-MIR396a	400	0.767	0.872	0.904	0.537	0.952	0.947	0.713	0.230	0.242
ptc-MIR396b	700	0.357	0.995	0.929	0.227	0.970	0.948	0.606	0.210	0.215
ptc-MIR396c	820	0.035	1.000	0.990	0.136	0.967	0.950	0.098	0.314	0.262
ptc-MIR396d	490	0.973	0.381	0.853	0.659	0.935	0.943	0.124	0.273	0.245
ptc-MIR396e	470	0.840	0.552	0.833	0.557	0.952	0.949	0.398	0.287	0.257
ptc-MIR396f	400	0.250	0.979	0.799	0.125	0.971	0.942	0.060	0.304	0.257
ptc-MIR396g	20	0.150	0.992	0.867	0.000	0.990	0.961	0.050	0.318	0.273
ptc-MIR397a	90	0.967	0.602	0.930	0.733	0.946	0.955	0.444	0.258	0.254
ptc-MIR397b	510	0.067	1.000	0.928	0.002	0.983	0.949	0.008	0.368	0.303
ptc-MIR397c	426	0.134	1.000	0.950	0.122	0.961	0.902	0.133	0.385	0.338
ptc-MIR398a	440	0.280	0.999	0.934	0.374	0.967	0.955	0.040	0.330	0.300
ptc-MIR398b	732	0.620	0.988	0.930	0.436	0.951	0.925	0.481	0.235	0.233
ptc-MIR398c	460	0.035	1.000	0.908	0.039	0.967	0.896	0.212	0.282	0.254
ptc-MIR399a	20	0.300	0.960	0.848	0.000	0.986	0.944	0.000	0.358	0.287
ptc-MIR399b	490	0.306	0.989	0.903	0.400	0.955	0.933	0.812	0.278	0.319
ptc-MIR399c	490	0.306	0.989	0.903	0.400	0.955	0.933	0.812	0.278	0.319
ptc-MIR399d	400	0.973	0.375	0.841	0.530	0.912	0.899	0.453	0.243	0.238
ptc-MIR399e	490	0.639	0.954	0.935	0.312	0.959	0.938	0.253	0.257	0.235
ptc-MIR399f	700	0.376	0.999	0.977	0.423	0.956	0.945	0.740	0.221	0.238
ptc-MIR399g	412	0.306	0.999	0.945	0.213	0.964	0.941	0.129	0.280	0.250

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptc-MIR399h	500	0.232	0.841	0.672	0.006	0.956	0.865	0.048	0.255	0.187
ptc-MIR399i	510	0.749	0.888	0.901	0.575	0.949	0.940	0.682	0.269	0.279
ptc-MIR399j	490	0.267	0.997	0.931	0.094	0.974	0.929	0.000	0.336	0.275
ptc-MIR399k	412	0.260	1.000	0.992	0.672	0.959	0.962	0.213	0.241	0.230
ptc-MIR399l	520	0.077	1.000	0.938	0.291	0.970	0.950	0.636	0.294	0.303
ptc-MIR403a	510	0.708	0.915	0.921	0.316	0.962	0.948	0.108	0.298	0.256
ptc-MIR403b	840	0.000	1.000	0.987	0.023	0.982	0.963	0.051	0.320	0.275
ptc-MIR403c	466	0.000	1.000	0.998	0.077	0.981	0.968	0.003	0.371	0.295
ptc-MIR408	640	0.050	1.000	0.968	0.155	0.970	0.952	0.308	0.238	0.231
ptc-MIR472a	516	0.176	1.000	0.986	0.341	0.965	0.945	0.654	0.243	0.252
ptc-MIR472b	606	0.685	1.000	0.999	0.482	0.968	0.962	0.624	0.286	0.293
ptc-MIR473a	510	0.527	0.640	0.635	0.763	0.909	0.928	0.116	0.253	0.220
ptc-MIR473b	480	0.552	0.804	0.746	0.625	0.856	0.865	0.710	0.217	0.243
ptc-MIR474a	150	0.627	0.846	0.833	0.607	0.880	0.891	0.767	0.250	0.284
ptc-MIR474b	470	0.853	0.818	0.924	0.972	0.849	0.941	0.760	0.240	0.253
ptc-MIR474c	766	0.736	0.994	0.973	0.557	0.912	0.902	0.255	0.298	0.271
ptc-MIR475a	450	0.047	0.998	0.849	0.093	0.969	0.941	0.153	0.261	0.224
ptc-MIR475b	140	0.000	0.956	0.944	0.000	0.949	0.869	0.000	0.239	0.000
ptc-MIR475c	390	0.177	0.999	0.902	0.156	0.977	0.953	0.285	0.301	0.275
ptc-MIR475d	540	0.206	0.999	0.930	0.366	0.954	0.941	0.421	0.239	0.234
ptc-MIR476a	400	0.000	1.000	0.987	0.078	0.982	0.968	0.130	0.347	0.316
ptc-MIR476b	816	0.000	1.000	0.987	0.102	0.983	0.970	0.442	0.323	0.321
ptc-MIR476c	816	0.000	1.000	0.987	0.102	0.983	0.970	0.442	0.323	0.321
ptc-MIR477a	552	0.000	1.000	0.981	0.381	0.964	0.955	0.421	0.239	0.235
ptc-MIR477b	452	0.195	1.000	0.982	0.106	0.973	0.955	0.260	0.247	0.235
ptc-MIR478a	578	0.299	0.968	0.729	0.059	0.956	0.870	0.414	0.306	0.289
ptc-MIR478b	400	0.110	0.986	0.650	0.027	0.959	0.852	0.352	0.288	0.266
ptc-MIR478c	578	0.280	0.927	0.684	0.039	0.944	0.847	0.064	0.323	0.254
ptc-MIR478d	400	0.698	0.644	0.736	0.173	0.934	0.865	0.416	0.316	0.303
ptc-MIR478e	452	0.593	0.980	0.944	0.249	0.944	0.919	0.042	0.314	0.255
ptc-MIR478f	492	0.724	0.958	0.927	0.154	0.947	0.877	0.665	0.286	0.297
ptc-MIR478h	498	0.233	0.835	0.541	0.143	0.893	0.813	0.236	0.253	0.217
ptc-MIR478i	2464	0.769	0.919	0.923	0.068	0.944	0.863	0.189	0.288	0.259
ptc-MIR478j	2464	0.769	0.919	0.923	0.068	0.944	0.863	0.189	0.288	0.259
ptc-MIR478k	2464	0.769	0.919	0.923	0.068	0.944	0.863	0.189	0.288	0.259
ptc-MIR478l	2464	0.769	0.919	0.923	0.068	0.944	0.863	0.189	0.288	0.259
ptc-MIR478m	2464	0.769	0.919	0.923	0.068	0.944	0.863	0.189	0.288	0.259
ptc-MIR478n	2464	0.769	0.919	0.923	0.068	0.944	0.863	0.189	0.288	0.259
ptc-MIR478o	498	0.321	0.955	0.733	0.239	0.922	0.864	0.242	0.305	0.272

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptc-MIR478p	498	0.185	0.981	0.732	0.088	0.949	0.864	0.077	0.333	0.273
ptc-MIR478q	858	0.571	0.804	0.761	0.078	0.941	0.854	0.144	0.291	0.243
ptc-MIR478r	406	0.648	0.839	0.834	0.407	0.838	0.808	0.337	0.259	0.236
ptc-MIR478s	498	0.343	0.885	0.686	0.192	0.918	0.845	0.245	0.281	0.246
ptc-MIR478u	578	0.512	0.834	0.740	0.097	0.942	0.859	0.130	0.295	0.248
ptc-MIR479	700	0.484	0.995	0.939	0.433	0.944	0.935	0.196	0.255	0.233
ptc-MIR480a	400	0.048	0.915	0.492	0.072	0.923	0.826	0.122	0.269	0.211
ptc-MIR480b	410	0.085	0.859	0.486	0.171	0.895	0.823	0.110	0.279	0.211
ptc-MIR481a	412	0.374	0.927	0.717	0.325	0.918	0.869	0.519	0.276	0.273
ptc-MIR481b	490	0.812	0.197	0.415	0.545	0.918	0.912	0.049	0.262	0.212
ptc-MIR481c	400	1.000	0.087	0.106	0.000	0.878	0.781	0.000	0.190	0.000
ptc-MIR481d	410	0.998	0.033	0.673	0.844	0.821	0.886	0.780	0.229	0.260
ptc-MIR481e	510	0.402	0.472	0.410	0.251	0.922	0.871	0.220	0.253	0.217
ptc-MIR482	476	0.309	1.000	0.991	0.350	0.962	0.948	0.845	0.251	0.277
ptr-mir-100	1430	0.123	1.000	0.871	0.225	0.944	0.868	0.501	0.246	0.242
ptr-mir-101	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
ptr-mir-103	2664	0.014	1.000	0.943	0.034	0.962	0.895	0.232	0.244	0.226
ptr-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
ptr-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
ptr-mir-106b	1932	0.000	1.000	0.958	0.141	0.965	0.927	0.529	0.224	0.226
ptr-mir-107	2514	0.110	1.000	0.974	0.077	0.968	0.935	0.015	0.276	0.240
ptr-mir-124a	1330	0.000	1.000	0.967	0.153	0.978	0.962	0.381	0.294	0.287
ptr-mir-125b-1	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
ptr-mir-125b-2	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
ptr-mir-127	2390	0.842	0.417	0.750	0.553	0.894	0.880	0.618	0.261	0.270
ptr-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
ptr-mir-133a	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294
ptr-mir-135	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
ptr-mir-136	1380	0.000	1.000	0.982	0.078	0.981	0.964	0.631	0.280	0.287
ptr-mir-140	760	0.076	1.000	0.991	0.158	0.975	0.965	0.341	0.253	0.248
ptr-mir-143	750	0.068	1.000	0.904	0.142	0.971	0.931	0.347	0.292	0.280
ptr-mir-144	438	0.628	1.000	0.992	0.481	0.969	0.964	0.789	0.244	0.256
ptr-mir-145	2168	0.049	1.000	0.936	0.166	0.970	0.928	0.572	0.269	0.274
ptr-mir-147	978	0.021	1.000	0.882	0.006	0.969	0.878	0.358	0.269	0.253
ptr-mir-154	1610	0.609	1.000	0.983	0.558	0.958	0.954	0.726	0.238	0.256
ptr-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
ptr-mir-15b	2230	0.197	1.000	0.899	0.100	0.971	0.921	0.055	0.296	0.262
ptr-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
ptr-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptr-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
ptr-mir-181a-1	520	0.010	1.000	0.754	0.013	0.975	0.875	0.092	0.270	0.233
ptr-mir-181a-2	410	0.180	1.000	0.978	0.156	0.977	0.961	0.117	0.291	0.267
ptr-mir-181b	430	0.074	1.000	0.914	0.135	0.975	0.933	0.431	0.383	0.371
ptr-mir-181c	440	0.661	0.681	0.734	0.338	0.932	0.886	0.882	0.209	0.262
ptr-mir-183	680	0.550	0.956	0.879	0.525	0.941	0.919	0.672	0.248	0.260
ptr-mir-184	798	0.598	0.999	0.980	0.659	0.955	0.953	0.801	0.230	0.243
ptr-mir-186	1770	0.223	1.000	0.989	0.434	0.971	0.965	0.698	0.252	0.267
ptr-mir-188	438	0.340	0.997	0.895	0.292	0.946	0.893	0.672	0.264	0.280
ptr-mir-190	2060	0.367	1.000	0.982	0.332	0.962	0.944	0.366	0.263	0.255
ptr-mir-194	2312	0.061	1.000	0.979	0.254	0.967	0.948	0.761	0.220	0.236
ptr-mir-196	680	0.959	0.824	0.975	0.688	0.966	0.969	0.455	0.233	0.233
ptr-mir-197	1550	0.168	1.000	0.974	0.214	0.968	0.939	0.480	0.253	0.252
ptr-mir-198	1134	0.986	0.231	0.895	0.796	0.781	0.850	0.814	0.210	0.258
ptr-mir-199a	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
ptr-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
ptr-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
ptr-mir-19b-2	500	0.228	0.997	0.905	0.234	0.954	0.919	0.854	0.206	0.239
ptr-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
ptr-mir-204	490	0.018	1.000	0.913	0.124	0.968	0.931	0.043	0.318	0.264
ptr-mir-205	520	0.037	1.000	0.934	0.029	0.981	0.952	0.017	0.382	0.329
ptr-mir-21	2608	0.413	1.000	0.979	0.024	0.973	0.939	0.762	0.227	0.240
ptr-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
ptr-mir-215	410	0.280	0.989	0.894	0.361	0.938	0.907	0.678	0.282	0.296
ptr-mir-216	400	0.535	0.954	0.879	0.325	0.944	0.908	0.497	0.279	0.277
ptr-mir-218-1	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
ptr-mir-218-2	1300	0.435	0.996	0.926	0.226	0.969	0.933	0.638	0.248	0.259
ptr-mir-22	3728	0.159	1.000	0.979	0.127	0.970	0.953	0.262	0.243	0.232
ptr-mir-220	620	0.892	0.421	0.798	0.612	0.883	0.878	0.703	0.215	0.229
ptr-mir-223	440	0.002	1.000	0.911	0.067	0.972	0.937	0.245	0.291	0.271
ptr-mir-224	2062	0.091	1.000	0.934	0.253	0.959	0.930	0.515	0.230	0.232
ptr-mir-23a	2282	0.749	0.997	0.983	0.515	0.951	0.935	0.770	0.247	0.263
ptr-mir-23b	1610	0.229	0.995	0.868	0.249	0.949	0.899	0.322	0.244	0.230
ptr-mir-24	1720	0.806	0.919	0.930	0.897	0.782	0.889	0.687	0.242	0.256
ptr-mir-25	2394	0.671	0.814	0.807	0.550	0.846	0.840	0.527	0.206	0.207
ptr-mir-26a	2152	0.984	0.966	0.998	0.962	0.933	0.965	0.953	0.203	0.239
ptr-mir-27a	1480	0.051	1.000	0.941	0.049	0.967	0.903	0.474	0.226	0.225
ptr-mir-28	1774	0.237	1.000	0.997	0.208	0.973	0.964	0.218	0.252	0.237
ptr-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ptr-mir-29b-1	2242	0.551	1.000	0.984	0.712	0.952	0.956	0.519	0.267	0.269
ptr-mir-29b-2	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
ptr-mir-30a	1750	0.527	1.000	0.989	0.119	0.970	0.950	0.069	0.277	0.240
ptr-mir-30b	2156	0.000	1.000	0.969	0.210	0.967	0.940	0.716	0.261	0.277
ptr-mir-30c	1304	0.000	1.000	0.932	0.001	0.979	0.902	0.300	0.324	0.302
ptr-mir-30d	1680	0.000	1.000	0.981	0.266	0.966	0.940	0.540	0.290	0.294
ptr-mir-31	2312	0.000	1.000	0.976	0.085	0.973	0.940	0.418	0.277	0.273
ptr-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
ptr-mir-33	1400	0.000	1.000	0.974	0.059	0.974	0.948	0.167	0.251	0.230
ptr-mir-34a	440	0.018	1.000	0.888	0.006	0.978	0.931	0.227	0.248	0.232
ptr-mir-7	680	0.268	0.990	0.814	0.138	0.962	0.900	0.382	0.264	0.253
ptr-mir-9	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
ptr-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
ptr-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
ptr-mir-93	868	0.127	1.000	0.930	0.095	0.967	0.929	0.337	0.250	0.240
ptr-mir-95	1686	0.619	1.000	0.994	0.701	0.964	0.965	0.933	0.251	0.276
ptr-mir-96	1776	0.033	1.000	0.952	0.084	0.968	0.919	0.593	0.274	0.280
ptr-mir-98	410	0.268	1.000	0.982	0.317	0.974	0.968	0.207	0.277	0.252
ptr-mir-99a	2238	0.212	1.000	0.985	0.567	0.963	0.958	0.894	0.255	0.282
rlcv-mir-rL1-1	452	0.805	0.990	0.980	0.789	0.935	0.944	0.876	0.216	0.239
rlcv-mir-rL1-10	446	0.130	1.000	0.948	0.100	0.968	0.907	0.627	0.234	0.243
rlcv-mir-rL1-11	486	0.000	1.000	0.995	0.421	0.970	0.964	0.901	0.229	0.258
rlcv-mir-rL1-12	456	0.000	1.000	0.986	0.102	0.973	0.950	0.056	0.259	0.239
rlcv-mir-rL1-13	466	0.000	1.000	0.992	0.535	0.969	0.966	0.959	0.224	0.249
rlcv-mir-rL1-14	442	0.163	1.000	0.970	0.001	0.976	0.935	0.000	0.279	0.225
rlcv-mir-rL1-15	400	0.100	1.000	0.913	0.222	0.966	0.916	0.752	0.278	0.297
rlcv-mir-rL1-16	466	0.202	1.000	0.944	0.112	0.962	0.908	0.155	0.267	0.238
rlcv-mir-rL1-2	486	0.000	1.000	0.991	0.061	0.980	0.954	0.326	0.295	0.287
rlcv-mir-rL1-3	421	0.078	1.000	0.957	0.254	0.964	0.943	0.917	0.231	0.269
rlcv-mir-rL1-4	490	0.114	1.000	0.922	0.075	0.965	0.902	0.095	0.289	0.247
rlcv-mir-rL1-5	406	0.793	0.979	0.952	0.613	0.937	0.934	0.707	0.234	0.247
rlcv-mir-rL1-6	476	0.000	1.000	0.981	0.102	0.974	0.946	0.137	0.308	0.284
rlcv-mir-rL1-7	552	0.132	1.000	0.945	0.098	0.969	0.920	0.765	0.220	0.238
rlcv-mir-rL1-8	428	0.042	1.000	0.915	0.004	0.979	0.918	0.042	0.266	0.234
rlcv-mir-rL1-9	442	0.113	1.000	0.938	0.165	0.957	0.917	0.269	0.218	0.204
rno-let-7a-1	510	0.294	1.000	0.995	0.359	0.968	0.961	0.547	0.238	0.245
rno-let-7a-2	400	0.095	1.000	0.950	0.183	0.975	0.942	0.819	0.260	0.300
rno-let-7b	448	0.513	0.999	0.986	0.421	0.952	0.947	0.527	0.216	0.218
rno-let-7c-1	820	0.202	1.000	0.974	0.257	0.967	0.946	0.380	0.227	0.222

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
rno-let-7c-2	510	0.292	1.000	0.976	0.269	0.963	0.950	0.659	0.204	0.215
rno-let-7d	470	0.000	1.000	0.980	0.064	0.975	0.957	0.364	0.255	0.246
rno-let-7e	824	0.311	0.999	0.960	0.221	0.966	0.939	0.641	0.219	0.229
rno-let-7f-1	856	0.000	1.000	0.994	0.039	0.977	0.959	0.222	0.300	0.280
rno-let-7f-2	770	0.169	1.000	0.997	0.317	0.961	0.949	0.704	0.217	0.223
rno-let-7i	1160	0.028	1.000	0.971	0.185	0.954	0.935	0.479	0.239	0.237
rno-mir-1	542	0.915	1.000	0.998	0.862	0.962	0.971	0.775	0.230	0.253
rno-mir-100	456	0.009	1.000	0.873	0.067	0.964	0.868	0.478	0.250	0.243
rno-mir-101a	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
rno-mir-101b	410	0.688	0.975	0.958	0.592	0.953	0.948	0.805	0.227	0.252
rno-mir-103-1	1160	0.000	1.000	0.953	0.036	0.969	0.920	0.238	0.221	0.208
rno-mir-103-2	976	0.191	1.000	0.948	0.215	0.959	0.922	0.694	0.233	0.246
rno-mir-106b	832	0.194	1.000	0.939	0.153	0.963	0.915	0.300	0.256	0.239
rno-mir-107	442	0.627	0.999	0.984	0.503	0.959	0.949	0.006	0.280	0.241
rno-mir-10a	680	0.363	0.999	0.951	0.276	0.974	0.948	0.889	0.279	0.319
rno-mir-10b	510	0.667	0.999	0.977	0.726	0.968	0.968	0.874	0.254	0.278
rno-mir-122a	448	0.000	1.000	0.990	0.082	0.977	0.959	0.151	0.275	0.259
rno-mir-124a-1	2056	0.000	1.000	0.950	0.152	0.976	0.940	0.224	0.325	0.305
rno-mir-124a-2	680	0.104	1.000	0.941	0.090	0.977	0.948	0.297	0.294	0.281
rno-mir-124a-3	980	0.373	1.000	0.955	0.320	0.961	0.930	0.643	0.249	0.258
rno-mir-125a	452	0.015	0.999	0.685	0.056	0.935	0.822	0.445	0.216	0.207
rno-mir-125b-1	442	0.276	0.995	0.866	0.170	0.955	0.898	0.615	0.234	0.242
rno-mir-125b-2	438	0.201	0.998	0.803	0.237	0.952	0.883	0.710	0.284	0.302
rno-mir-126	506	0.000	1.000	0.995	0.046	0.977	0.947	0.017	0.283	0.246
rno-mir-127	680	0.950	0.316	0.820	0.570	0.905	0.893	0.504	0.296	0.293
rno-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
rno-mir-128b	446	0.729	0.981	0.965	0.654	0.942	0.941	0.088	0.294	0.256
rno-mir-129-1	326	0.018	1.000	0.916	0.062	0.964	0.896	0.532	0.227	0.228
rno-mir-129-2	570	0.060	1.000	0.941	0.135	0.974	0.953	0.605	0.296	0.302
rno-mir-130a	438	0.023	1.000	0.925	0.125	0.966	0.924	0.684	0.242	0.257
rno-mir-130b	456	0.265	1.000	0.969	0.465	0.960	0.944	0.142	0.268	0.243
rno-mir-132	550	0.138	1.000	0.925	0.031	0.978	0.926	0.110	0.277	0.248
rno-mir-133a	538	0.000	1.000	0.932	0.132	0.975	0.932	0.628	0.284	0.291
rno-mir-133b	466	0.309	1.000	0.948	0.260	0.964	0.931	0.485	0.282	0.280
rno-mir-134	426	0.293	0.999	0.931	0.232	0.943	0.888	0.260	0.279	0.253
rno-mir-135a	760	0.246	1.000	0.976	0.190	0.974	0.959	0.178	0.263	0.245
rno-mir-135b	410	0.168	1.000	0.986	0.397	0.975	0.968	0.592	0.289	0.294
rno-mir-136	736	0.000	1.000	0.993	0.131	0.981	0.968	0.766	0.272	0.286
rno-mir-137	470	0.126	1.000	0.975	0.237	0.974	0.958	0.467	0.242	0.241

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
rno-mir-138-1	570	0.000	1.000	0.979	0.053	0.978	0.957	0.575	0.242	0.247
rno-mir-138-2	406	0.337	0.999	0.955	0.317	0.948	0.918	0.186	0.297	0.266
rno-mir-139	1862	0.293	1.000	0.985	0.184	0.966	0.940	0.193	0.289	0.275
rno-mir-140	670	0.000	1.000	0.985	0.182	0.974	0.963	0.401	0.236	0.233
rno-mir-141	412	0.398	1.000	0.963	0.325	0.966	0.946	0.447	0.248	0.245
rno-mir-142	1326	0.000	1.000	0.988	0.548	0.971	0.967	0.902	0.199	0.225
rno-mir-143	540	0.000	1.000	0.988	0.211	0.980	0.970	0.376	0.257	0.253
rno-mir-144	476	0.637	1.000	0.989	0.588	0.964	0.960	0.912	0.221	0.244
rno-mir-145	432	0.019	1.000	0.927	0.088	0.971	0.916	0.589	0.273	0.279
rno-mir-146	412	0.000	1.000	0.975	0.125	0.977	0.959	0.754	0.302	0.321
rno-mir-148b	400	0.448	0.974	0.863	0.214	0.951	0.900	0.306	0.330	0.309
rno-mir-150	452	0.179	1.000	0.970	0.376	0.968	0.959	0.397	0.243	0.240
rno-mir-151	410	0.100	1.000	0.988	0.078	0.981	0.962	0.022	0.364	0.322
rno-mir-152	452	0.396	0.998	0.932	0.151	0.964	0.940	0.289	0.247	0.232
rno-mir-153	2636	0.000	1.000	0.987	0.008	0.982	0.961	0.057	0.287	0.261
rno-mir-154	726	0.566	1.000	0.991	0.600	0.958	0.957	0.763	0.250	0.272
rno-mir-15b	490	0.076	1.000	0.896	0.009	0.980	0.926	0.045	0.299	0.263
rno-mir-16	498	0.052	1.000	0.948	0.197	0.973	0.940	0.475	0.309	0.306
rno-mir-17	466	0.000	1.000	0.975	0.402	0.964	0.949	0.575	0.242	0.245
rno-mir-18	1080	0.127	0.998	0.776	0.162	0.948	0.882	0.183	0.229	0.203
rno-mir-181a-1	470	0.000	1.000	0.732	0.003	0.978	0.861	0.031	0.373	0.297
rno-mir-181a-2	400	0.140	0.985	0.768	0.072	0.963	0.868	0.285	0.313	0.279
rno-mir-181b-1	380	0.224	0.999	0.933	0.116	0.971	0.927	0.121	0.321	0.285
rno-mir-181b-2	432	0.544	0.996	0.942	0.333	0.957	0.928	0.473	0.303	0.300
rno-mir-181c	450	0.789	0.859	0.893	0.573	0.942	0.926	0.838	0.286	0.324
rno-mir-183	290	0.614	0.894	0.871	0.376	0.911	0.868	0.759	0.188	0.212
rno-mir-184	406	0.000	1.000	0.996	0.193	0.977	0.967	0.727	0.286	0.294
rno-mir-185	476	0.000	1.000	0.976	0.219	0.972	0.952	0.955	0.212	0.246
rno-mir-186	442	0.000	1.000	0.985	0.214	0.976	0.965	0.213	0.287	0.268
rno-mir-187	360	0.014	1.000	0.831	0.019	0.968	0.889	0.110	0.240	0.209
rno-mir-190	452	0.356	1.000	0.981	0.341	0.962	0.945	0.333	0.267	0.256
rno-mir-191	412	0.049	1.000	0.957	0.152	0.972	0.950	0.639	0.231	0.238
rno-mir-192	290	0.472	0.946	0.867	0.152	0.964	0.908	0.507	0.267	0.267
rno-mir-193	442	0.045	1.000	0.929	0.079	0.978	0.933	0.803	0.302	0.324
rno-mir-194-1	726	0.000	1.000	0.991	0.242	0.973	0.956	0.721	0.249	0.260
rno-mir-194-2	430	0.609	0.998	0.984	0.558	0.938	0.934	0.588	0.278	0.282
rno-mir-195	438	0.824	0.987	0.976	0.720	0.944	0.944	0.838	0.226	0.249
rno-mir-196a	490	0.608	0.987	0.975	0.792	0.950	0.961	0.657	0.218	0.213
rno-mir-196b	714	0.494	1.000	0.990	0.337	0.972	0.960	0.055	0.310	0.283

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
rno-mir-199a	610	0.331	0.997	0.940	0.125	0.973	0.933	0.161	0.306	0.279
rno-mir-19a	476	0.168	1.000	0.987	0.261	0.961	0.945	0.699	0.228	0.241
rno-mir-19b-1	876	0.071	1.000	0.955	0.041	0.972	0.945	0.528	0.238	0.241
rno-mir-19b-2	400	0.590	0.999	0.985	0.291	0.967	0.959	0.863	0.229	0.248
rno-mir-200a	712	0.143	1.000	0.991	0.357	0.970	0.960	0.420	0.240	0.235
rno-mir-200b	678	0.158	0.999	0.860	0.160	0.962	0.889	0.623	0.281	0.290
rno-mir-200c	700	0.443	1.000	0.985	0.643	0.938	0.928	0.916	0.213	0.243
rno-mir-203	460	0.437	1.000	0.991	0.354	0.976	0.966	0.537	0.265	0.266
rno-mir-204	430	0.000	1.000	0.925	0.037	0.976	0.931	0.021	0.333	0.269
rno-mir-205	410	0.020	1.000	0.964	0.199	0.970	0.950	0.736	0.290	0.309
rno-mir-206	466	0.736	0.999	0.996	0.465	0.967	0.964	0.479	0.258	0.257
rno-mir-207	522	0.964	0.734	0.962	0.941	0.805	0.919	0.808	0.218	0.241
rno-mir-208	466	0.212	1.000	0.954	0.026	0.981	0.936	0.117	0.289	0.265
rno-mir-20a	452	0.088	1.000	0.954	0.080	0.969	0.929	0.509	0.247	0.248
rno-mir-20b	326	0.423	1.000	0.991	0.352	0.963	0.951	0.802	0.241	0.260
rno-mir-21	824	0.735	0.996	0.975	0.171	0.973	0.954	0.876	0.232	0.251
rno-mir-210	700	0.249	0.993	0.868	0.500	0.908	0.879	0.210	0.239	0.216
rno-mir-211	440	0.189	1.000	0.953	0.272	0.971	0.960	0.180	0.264	0.248
rno-mir-212	490	0.206	0.990	0.847	0.071	0.965	0.873	0.447	0.252	0.243
rno-mir-214	440	0.000	1.000	0.995	0.127	0.986	0.978	0.030	0.336	0.301
rno-mir-215	690	0.068	1.000	0.832	0.103	0.961	0.868	0.178	0.313	0.272
rno-mir-216	440	0.970	0.441	0.914	0.801	0.891	0.923	0.160	0.343	0.307
rno-mir-217	540	0.111	0.999	0.838	0.159	0.963	0.896	0.177	0.317	0.286
rno-mir-218-1	520	0.138	1.000	0.952	0.158	0.976	0.953	0.349	0.261	0.252
rno-mir-218-2	440	0.257	0.998	0.900	0.168	0.967	0.915	0.295	0.276	0.260
rno-mir-219-1	490	0.604	1.000	0.988	0.465	0.975	0.967	0.524	0.300	0.302
rno-mir-219-2	498	0.550	1.000	0.976	0.381	0.972	0.952	0.616	0.274	0.280
rno-mir-22	682	0.044	1.000	0.974	0.118	0.973	0.956	0.212	0.246	0.231
rno-mir-221	430	0.102	0.997	0.786	0.037	0.969	0.888	0.118	0.339	0.296
rno-mir-222	460	0.180	1.000	0.975	0.203	0.972	0.959	0.550	0.275	0.279
rno-mir-223	410	0.185	1.000	0.973	0.200	0.978	0.961	0.249	0.294	0.279
rno-mir-224	456	0.445	0.999	0.944	0.174	0.964	0.932	0.296	0.244	0.233
rno-mir-23a	486	0.461	1.000	0.989	0.646	0.951	0.946	0.742	0.231	0.245
rno-mir-23b	410	0.002	1.000	0.795	0.036	0.960	0.874	0.242	0.254	0.230
rno-mir-24-1	700	0.233	1.000	0.964	0.005	0.976	0.910	0.102	0.314	0.273
rno-mir-24-2	510	0.282	0.997	0.912	0.722	0.929	0.931	0.912	0.225	0.263
rno-mir-25	546	0.663	0.957	0.898	0.573	0.869	0.863	0.403	0.222	0.211
rno-mir-26a	432	0.984	0.891	0.990	0.940	0.943	0.966	0.385	0.219	0.216
rno-mir-26b	716	0.207	1.000	0.988	0.248	0.968	0.948	0.046	0.278	0.247

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
rno-mir-27a	722	0.061	1.000	0.914	0.179	0.956	0.889	0.260	0.218	0.204
rno-mir-27b	910	0.222	1.000	0.969	0.477	0.961	0.956	0.837	0.230	0.253
rno-mir-28	442	0.090	1.000	0.974	0.139	0.965	0.936	0.720	0.225	0.242
rno-mir-290	736	0.277	1.000	0.991	0.287	0.969	0.952	0.192	0.272	0.260
rno-mir-291	456	0.928	0.954	0.982	0.902	0.905	0.943	0.965	0.167	0.205
rno-mir-292	736	0.455	0.996	0.929	0.407	0.942	0.917	0.735	0.224	0.242
rno-mir-296	496	0.946	0.972	0.991	0.902	0.924	0.953	0.704	0.197	0.206
rno-mir-297	430	0.993	0.570	0.987	0.998	0.678	0.973	0.999	0.162	0.251
rno-mir-298	456	0.000	1.000	0.986	0.049	0.972	0.946	0.174	0.256	0.238
rno-mir-299	884	0.000	1.000	1.000	0.222	0.978	0.973	0.669	0.249	0.255
rno-mir-29a	860	0.000	1.000	0.957	0.124	0.972	0.939	0.539	0.318	0.321
rno-mir-29b-1	736	0.557	1.000	0.993	0.734	0.951	0.956	0.582	0.284	0.292
rno-mir-29b-2	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
rno-mir-29c	1728	0.573	0.999	0.971	0.537	0.956	0.949	0.689	0.254	0.265
rno-mir-300	872	0.940	0.991	0.997	0.967	0.934	0.967	0.944	0.215	0.243
rno-mir-301	480	0.621	0.848	0.790	0.406	0.923	0.883	0.466	0.287	0.279
rno-mir-30a	506	0.690	1.000	0.992	0.067	0.973	0.953	0.067	0.277	0.239
rno-mir-30b	438	0.107	1.000	0.990	0.190	0.971	0.960	0.741	0.226	0.239
rno-mir-30c-1	860	0.267	0.998	0.881	0.198	0.954	0.896	0.880	0.210	0.247
rno-mir-30c-2	726	0.340	0.999	0.928	0.069	0.967	0.897	0.102	0.313	0.270
rno-mir-30d	552	0.000	1.000	0.976	0.024	0.977	0.944	0.154	0.276	0.256
rno-mir-30e	824	0.100	1.000	0.980	0.025	0.980	0.959	0.078	0.283	0.254
rno-mir-31	520	0.004	1.000	0.871	0.006	0.976	0.906	0.047	0.286	0.242
rno-mir-32	516	0.391	1.000	0.998	0.123	0.972	0.956	0.788	0.214	0.232
rno-mir-320	556	0.000	1.000	0.991	0.224	0.973	0.959	0.838	0.268	0.283
rno-mir-322	622	0.606	0.997	0.957	0.319	0.973	0.951	0.104	0.351	0.323
rno-mir-323	980	0.017	1.000	0.870	0.060	0.969	0.901	0.229	0.322	0.294
rno-mir-324	446	0.253	0.999	0.873	0.361	0.931	0.883	0.285	0.277	0.258
rno-mir-325	770	0.000	1.000	0.993	0.353	0.983	0.979	0.450	0.330	0.329
rno-mir-326	502	0.273	1.000	0.973	0.378	0.962	0.953	0.730	0.256	0.275
rno-mir-327	412	0.189	0.987	0.732	0.332	0.920	0.873	0.447	0.348	0.337
rno-mir-328	536	0.254	0.989	0.799	0.350	0.894	0.853	0.394	0.282	0.267
rno-mir-329	810	0.227	1.000	0.964	0.409	0.971	0.959	0.398	0.337	0.331
rno-mir-33	450	0.467	1.000	0.983	0.439	0.959	0.945	0.356	0.242	0.232
rno-mir-330	400	0.140	0.997	0.805	0.152	0.953	0.884	0.128	0.302	0.262
rno-mir-331	400	0.378	1.000	0.958	0.577	0.959	0.949	0.761	0.264	0.286
rno-mir-333	402	0.502	0.882	0.775	0.464	0.915	0.894	0.366	0.309	0.291
rno-mir-335	490	0.749	0.998	0.984	0.611	0.970	0.967	0.703	0.316	0.331
rno-mir-336	400	0.035	1.000	0.810	0.009	0.977	0.884	0.178	0.340	0.304

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
rno-mir-337	460	0.743	0.998	0.987	0.627	0.968	0.964	0.291	0.309	0.300
rno-mir-338	838	0.000	1.000	0.973	0.168	0.963	0.918	0.392	0.278	0.270
rno-mir-339	400	0.000	1.000	0.747	0.013	0.977	0.873	0.109	0.326	0.293
rno-mir-340	670	0.585	0.998	0.939	0.304	0.974	0.946	0.517	0.316	0.316
rno-mir-341	798	0.214	0.999	0.901	0.615	0.922	0.911	0.524	0.264	0.266
rno-mir-342	1050	0.020	1.000	0.867	0.082	0.967	0.921	0.102	0.337	0.297
rno-mir-343	400	0.230	0.991	0.918	0.225	0.915	0.859	0.152	0.219	0.186
rno-mir-344	480	0.000	1.000	0.950	0.015	0.977	0.936	0.200	0.330	0.301
rno-mir-345	898	0.341	0.995	0.898	0.318	0.959	0.922	0.492	0.299	0.296
rno-mir-346	660	0.253	1.000	0.890	0.142	0.971	0.907	0.391	0.320	0.307
rno-mir-347	412	0.602	0.974	0.883	0.739	0.895	0.913	0.838	0.239	0.264
rno-mir-349	400	1.000	0.258	0.488	0.000	0.655	0.636	0.000	0.189	0.000
rno-mir-34a	820	0.243	1.000	0.977	0.132	0.977	0.959	0.336	0.252	0.242
rno-mir-34b	812	0.049	1.000	0.941	0.106	0.969	0.919	0.418	0.282	0.275
rno-mir-34c	612	0.145	1.000	0.980	0.012	0.978	0.939	0.228	0.264	0.252
rno-mir-350	490	0.296	0.991	0.820	0.301	0.942	0.885	0.409	0.330	0.315
rno-mir-351	456	0.055	1.000	0.879	0.137	0.955	0.872	0.518	0.288	0.288
rno-mir-352	490	0.996	0.187	0.854	1.000	0.618	0.887	0.982	0.191	0.296
rno-mir-361	516	0.000	1.000	0.962	0.090	0.967	0.916	0.606	0.248	0.254
rno-mir-363	442	0.122	1.000	0.943	0.116	0.974	0.944	0.216	0.257	0.239
rno-mir-365	438	0.532	0.996	0.934	0.444	0.949	0.936	0.378	0.291	0.280
rno-mir-369	496	0.266	1.000	0.994	0.154	0.974	0.959	0.095	0.266	0.241
rno-mir-370	476	0.069	1.000	0.917	0.047	0.975	0.928	0.298	0.249	0.236
rno-mir-374	630	0.000	1.000	0.992	0.201	0.978	0.967	0.733	0.235	0.250
rno-mir-376a	476	0.044	1.000	0.928	0.105	0.971	0.916	0.453	0.293	0.287
rno-mir-376b	452	0.000	1.000	0.984	0.595	0.970	0.968	0.917	0.209	0.237
rno-mir-376c	466	0.163	1.000	0.958	0.309	0.966	0.931	0.869	0.246	0.284
rno-mir-377	326	0.218	1.000	0.967	0.224	0.953	0.914	0.230	0.231	0.215
rno-mir-378	792	0.703	1.000	0.997	0.831	0.941	0.952	0.633	0.277	0.284
rno-mir-379	448	0.031	1.000	0.941	0.040	0.973	0.918	0.026	0.306	0.261
rno-mir-381	838	0.592	1.000	0.993	0.713	0.932	0.934	0.893	0.208	0.241
rno-mir-382	486	0.749	0.999	0.993	0.602	0.958	0.956	0.204	0.263	0.247
rno-mir-383	496	0.111	1.000	0.936	0.063	0.970	0.902	0.345	0.378	0.358
rno-mir-409	486	0.313	1.000	0.986	0.623	0.955	0.949	0.913	0.221	0.249
rno-mir-412	436	0.321	1.000	0.968	0.290	0.954	0.918	0.401	0.281	0.275
rno-mir-421	476	0.273	1.000	0.985	0.183	0.971	0.948	0.030	0.312	0.274
rno-mir-429	452	0.409	1.000	0.986	0.384	0.964	0.949	0.389	0.255	0.250
rno-mir-431	700	0.479	0.878	0.785	0.981	0.689	0.867	0.980	0.152	0.268
rno-mir-433	916	0.877	0.818	0.929	0.783	0.890	0.912	0.877	0.204	0.247

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
rno-mir-448	510	0.496	0.992	0.960	0.567	0.959	0.955	0.422	0.286	0.281
rno-mir-449	418	0.000	1.000	0.973	0.237	0.978	0.965	0.915	0.245	0.288
rno-mir-450	412	0.000	1.000	0.997	0.036	0.985	0.975	0.372	0.326	0.320
rno-mir-451	326	0.000	1.000	0.999	0.124	0.980	0.970	0.830	0.278	0.295
rno-mir-483	652	0.868	0.919	0.957	0.818	0.873	0.906	0.917	0.178	0.229
rno-mir-485	576	0.104	1.000	0.978	0.052	0.976	0.951	0.351	0.270	0.260
rno-mir-487b	736	0.000	1.000	0.930	0.036	0.973	0.908	0.115	0.305	0.264
rno-mir-489	820	0.845	0.995	0.984	0.682	0.969	0.970	0.346	0.343	0.329
rno-mir-493	466	0.000	1.000	0.999	0.535	0.976	0.974	0.692	0.238	0.247
rno-mir-494	736	0.197	1.000	0.975	0.206	0.966	0.946	0.149	0.257	0.238
rno-mir-497	630	0.260	1.000	0.969	0.185	0.965	0.914	0.595	0.329	0.334
rno-mir-499	852	0.404	1.000	0.996	0.205	0.969	0.945	0.241	0.262	0.245
rno-mir-501	546	0.745	0.913	0.907	0.530	0.907	0.887	0.367	0.262	0.248
rno-mir-503	426	0.000	1.000	0.998	0.128	0.968	0.953	0.529	0.225	0.228
rno-mir-505	838	0.000	1.000	0.994	0.371	0.972	0.962	0.743	0.219	0.229
rno-mir-539	406	0.579	1.000	0.999	0.732	0.958	0.962	0.741	0.197	0.211
rno-mir-540	366	0.145	1.000	0.973	0.173	0.969	0.939	0.802	0.210	0.226
rno-mir-541	418	0.000	1.000	0.916	0.047	0.972	0.905	0.022	0.333	0.260
rno-mir-542	496	0.000	1.000	0.925	0.020	0.981	0.924	0.345	0.304	0.290
rno-mir-543	466	0.223	1.000	0.972	0.477	0.946	0.931	0.309	0.242	0.233
rno-mir-664-1	406	0.000	1.000	0.984	0.531	0.940	0.928	0.768	0.305	0.322
rno-mir-664-2	406	0.953	0.979	0.992	0.852	0.905	0.939	0.369	0.322	0.317
rno-mir-7-1	850	0.919	0.992	0.993	0.900	0.954	0.967	0.954	0.234	0.258
rno-mir-7-2	858	0.458	1.000	0.958	0.439	0.966	0.942	0.542	0.277	0.277
rno-mir-7b	410	0.683	0.805	0.827	0.688	0.897	0.907	0.685	0.288	0.316
rno-mir-9-1	1812	0.254	1.000	0.995	0.562	0.967	0.964	0.633	0.262	0.270
rno-mir-9-2	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
rno-mir-9-3	642	0.336	1.000	0.992	0.308	0.971	0.963	0.460	0.252	0.250
rno-mir-92-1	466	0.000	1.000	0.988	0.418	0.972	0.963	0.732	0.278	0.292
rno-mir-92-2	412	0.000	1.000	0.873	0.013	0.976	0.896	0.116	0.312	0.274
rno-mir-93	442	0.238	1.000	0.949	0.259	0.962	0.936	0.471	0.253	0.250
rno-mir-96	440	0.055	1.000	0.944	0.170	0.973	0.946	0.791	0.242	0.259
rno-mir-98	510	0.245	0.999	0.966	0.249	0.966	0.955	0.511	0.262	0.263
rno-mir-99a	476	0.000	1.000	0.980	0.440	0.964	0.949	0.891	0.259	0.286
rno-mir-99b	1008	0.291	0.999	0.934	0.412	0.925	0.893	0.443	0.229	0.225
sbi-MIR156a	446	0.845	0.978	0.973	0.788	0.932	0.943	0.614	0.238	0.244
sbi-MIR156b	446	0.000	1.000	0.998	0.040	0.983	0.969	0.022	0.290	0.269
sbi-MIR156c	412	0.333	0.997	0.930	0.180	0.961	0.933	0.220	0.291	0.266
sbi-MIR156d	510	0.567	0.972	0.932	0.420	0.965	0.953	0.318	0.245	0.237

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
sbi-MIR156e	700	0.796	0.949	0.963	0.843	0.950	0.964	0.679	0.225	0.232
sbi-MIR159	200	0.030	0.979	0.646	0.000	0.986	0.917	0.070	0.258	0.221
sbi-MIR159b	470	0.853	0.136	0.320	0.343	0.966	0.953	0.340	0.236	0.227
sbi-MIR160a	446	0.778	0.987	0.974	0.495	0.958	0.949	0.058	0.290	0.258
sbi-MIR160b	500	0.550	0.999	0.988	0.822	0.904	0.927	0.838	0.215	0.251
sbi-MIR160c	456	0.048	1.000	0.945	0.144	0.966	0.924	0.194	0.285	0.261
sbi-MIR160d	480	0.010	1.000	0.885	0.025	0.969	0.916	0.089	0.303	0.251
sbi-MIR160e	412	0.087	1.000	0.936	0.259	0.964	0.936	0.312	0.281	0.266
sbi-MIR164	490	0.222	0.988	0.870	0.292	0.954	0.934	0.427	0.296	0.288
sbi-MIR164b	490	0.002	1.000	0.958	0.000	0.986	0.954	0.008	0.231	0.191
sbi-MIR164c	460	0.315	0.993	0.863	0.246	0.980	0.970	0.750	0.257	0.272
sbi-MIR166a	790	0.000	1.000	0.963	0.198	0.978	0.963	0.748	0.265	0.280
sbi-MIR166b	326	0.000	1.000	0.980	0.329	0.962	0.941	0.662	0.208	0.219
sbi-MIR166c	412	0.214	1.000	0.922	0.287	0.963	0.943	0.427	0.273	0.267
sbi-MIR166d	438	0.164	1.000	0.923	0.042	0.975	0.933	0.411	0.253	0.249
sbi-MIR166e	490	0.441	0.993	0.945	0.392	0.978	0.967	0.069	0.272	0.252
sbi-MIR166f	410	0.410	0.817	0.685	0.127	0.958	0.908	0.395	0.264	0.253
sbi-MIR166g	490	0.016	1.000	0.951	0.018	0.983	0.961	0.288	0.249	0.240
sbi-MIR167a	400	0.347	0.998	0.888	0.377	0.957	0.941	0.761	0.247	0.268
sbi-MIR167b	290	0.914	0.268	0.677	0.900	0.890	0.937	0.828	0.199	0.231
sbi-MIR167c	510	0.814	0.883	0.932	0.496	0.973	0.970	0.441	0.251	0.248
sbi-MIR167d	390	0.290	0.985	0.858	0.182	0.976	0.958	0.195	0.264	0.245
sbi-MIR167e	490	0.690	0.744	0.792	0.610	0.957	0.958	0.618	0.222	0.228
sbi-MIR167f	490	0.331	0.834	0.720	0.543	0.948	0.945	0.363	0.255	0.245
sbi-MIR167g	380	0.000	1.000	0.983	0.000	0.990	0.970	0.000	0.306	0.232
sbi-MIR168	440	0.018	1.000	0.925	0.103	0.973	0.948	0.398	0.261	0.256
sbi-MIR169a	422	0.441	0.981	0.865	0.089	0.959	0.911	0.662	0.267	0.280
sbi-MIR169b	470	0.957	0.111	0.681	0.811	0.867	0.904	0.972	0.150	0.213
sbi-MIR169c	200	0.350	0.975	0.883	0.380	0.957	0.947	0.600	0.214	0.219
sbi-MIR169d	510	1.000	0.843	0.944	0.000	0.887	0.808	0.000	0.259	0.000
sbi-MIR169e	490	0.780	0.545	0.712	0.712	0.959	0.961	0.249	0.250	0.235
sbi-MIR169f	400	0.235	0.970	0.808	0.270	0.961	0.937	0.613	0.214	0.219
sbi-MIR169g	200	0.970	0.353	0.831	0.800	0.933	0.951	0.005	0.314	0.250
sbi-MIR169h	490	0.614	0.774	0.772	0.647	0.920	0.925	0.959	0.222	0.281
sbi-MIR169i	510	0.057	0.955	0.681	0.151	0.960	0.939	0.108	0.227	0.200
sbi-MIR171a	490	0.408	0.936	0.854	0.533	0.958	0.960	0.341	0.273	0.263
sbi-MIR171b	410	0.154	1.000	0.965	0.149	0.981	0.968	0.449	0.225	0.223
sbi-MIR171c	510	0.182	1.000	0.984	0.173	0.976	0.963	0.109	0.303	0.266
sbi-MIR171d	290	0.583	0.835	0.811	0.641	0.946	0.947	0.783	0.233	0.259

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
sbi-MIR171e	490	0.937	0.780	0.951	0.839	0.956	0.966	0.980	0.204	0.243
sbi-MIR171f	410	0.310	1.000	0.970	0.183	0.980	0.969	0.010	0.303	0.266
sbi-MIR172a	440	0.791	0.816	0.887	0.748	0.912	0.929	0.900	0.173	0.211
sbi-MIR172b	490	0.496	0.654	0.614	0.157	0.944	0.910	0.076	0.298	0.247
sbi-MIR172c	490	0.414	0.781	0.682	0.278	0.923	0.897	0.239	0.244	0.213
sbi-MIR172d	410	0.073	1.000	0.987	0.120	0.977	0.961	0.115	0.249	0.231
sbi-MIR172e	490	0.696	0.937	0.942	0.249	0.969	0.956	0.155	0.226	0.207
sbi-MIR319	380	0.018	0.933	0.517	0.000	0.987	0.936	0.118	0.233	0.205
sbi-MIR393	200	0.065	1.000	0.935	0.040	0.977	0.946	0.140	0.341	0.304
sbi-MIR394a	490	0.304	0.995	0.937	0.122	0.964	0.911	0.557	0.239	0.242
sbi-MIR394b	380	0.208	0.976	0.769	0.018	0.962	0.863	0.216	0.299	0.258
sbi-MIR395a	490	0.388	0.997	0.933	0.337	0.981	0.969	0.494	0.271	0.271
sbi-MIR395b	540	0.300	1.000	0.994	0.245	0.977	0.971	0.144	0.267	0.250
sbi-MIR395c	490	1.000	0.096	0.817	0.000	0.958	0.837	0.000	0.247	0.000
sbi-MIR395d	360	0.428	0.999	0.984	0.253	0.970	0.961	0.367	0.231	0.226
sbi-MIR395e	460	0.891	0.970	0.984	0.744	0.962	0.966	0.051	0.292	0.264
sbi-MIR395f	510	0.143	1.000	0.988	0.229	0.985	0.979	0.192	0.279	0.268
sbi-MIR396a	630	0.446	0.961	0.900	0.175	0.970	0.951	0.189	0.221	0.206
sbi-MIR396b	490	0.337	0.987	0.958	0.541	0.940	0.933	0.614	0.198	0.159
sbi-MIR396c	674	0.110	0.961	0.757	0.006	0.978	0.945	0.053	0.360	0.275
sbi-MIR399a	490	0.214	0.987	0.802	0.147	0.974	0.948	0.353	0.282	0.271
sbi-MIR399b	430	0.649	0.984	0.959	0.628	0.964	0.962	0.823	0.241	0.257
sbi-MIR399c	700	0.841	0.828	0.916	0.821	0.943	0.956	0.824	0.254	0.281
sbi-MIR399d	380	0.026	0.981	0.679	0.076	0.975	0.949	0.047	0.254	0.223
sbi-MIR399e	490	0.108	0.996	0.876	0.137	0.963	0.922	0.408	0.280	0.270
sbi-MIR399f	140	0.207	0.999	0.974	0.000	0.986	0.956	0.014	0.325	0.264
sbi-MIR399g	350	0.251	0.994	0.914	0.174	0.968	0.935	0.611	0.257	0.267
sbi-MIR399h	410	0.068	0.999	0.893	0.020	0.980	0.948	0.039	0.321	0.282
sbi-MIR399i	490	0.288	0.996	0.937	0.180	0.971	0.943	0.245	0.284	0.267
sla-mir-100	486	0.049	1.000	0.809	0.039	0.962	0.832	0.354	0.229	0.209
sla-mir-101	2468	0.000	1.000	0.996	0.387	0.968	0.959	0.321	0.316	0.302
sla-mir-105	2514	0.739	1.000	0.993	0.585	0.966	0.962	0.597	0.272	0.277
sla-mir-106a	2512	0.133	1.000	0.957	0.082	0.968	0.923	0.188	0.251	0.234
sla-mir-106b	1932	0.000	1.000	0.958	0.141	0.965	0.927	0.529	0.224	0.226
sla-mir-10a	800	0.396	0.999	0.960	0.321	0.973	0.951	0.890	0.270	0.312
sla-mir-125b	3890	0.023	1.000	0.918	0.088	0.973	0.928	0.703	0.258	0.270
sla-mir-127	2390	0.842	0.417	0.750	0.553	0.894	0.880	0.618	0.261	0.270
sla-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
sla-mir-133a	3458	0.000	1.000	0.913	0.073	0.977	0.927	0.683	0.280	0.294

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
sla-mir-147	326	0.123	1.000	0.839	0.086	0.957	0.875	0.463	0.389	0.376
sla-mir-15a	3011	0.057	1.000	0.954	0.104	0.972	0.927	0.103	0.329	0.287
sla-mir-16	3866	0.000	1.000	0.950	0.064	0.976	0.946	0.159	0.270	0.248
sla-mir-17	2926	0.208	1.000	0.940	0.192	0.964	0.925	0.420	0.254	0.249
sla-mir-18	3972	0.153	0.998	0.816	0.190	0.921	0.829	0.407	0.239	0.227
sla-mir-181a-2	410	0.073	1.000	0.975	0.015	0.984	0.959	0.005	0.318	0.270
sla-mir-183	480	0.427	0.985	0.925	0.494	0.944	0.919	0.677	0.206	0.216
sla-mir-198	478	0.893	0.779	0.932	0.973	0.695	0.864	0.995	0.134	0.243
sla-mir-199a	440	0.266	0.979	0.794	0.166	0.957	0.893	0.168	0.282	0.249
sla-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
sla-mir-19b-1	4400	0.026	1.000	0.953	0.028	0.972	0.945	0.517	0.234	0.236
sla-mir-19b-2	498	0.661	0.992	0.959	0.528	0.955	0.952	0.902	0.215	0.241
sla-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
sla-mir-204	490	0.018	1.000	0.913	0.124	0.968	0.931	0.043	0.318	0.264
sla-mir-214	1300	0.000	1.000	0.983	0.036	0.986	0.974	0.047	0.348	0.317
sla-mir-218-1	680	0.071	1.000	0.949	0.058	0.978	0.952	0.196	0.270	0.253
sla-mir-218-2	400	0.573	0.996	0.971	0.217	0.974	0.951	0.472	0.255	0.255
sla-mir-22	448	0.094	1.000	0.981	0.091	0.972	0.954	0.323	0.239	0.232
sla-mir-223	490	0.173	0.989	0.854	0.059	0.966	0.919	0.312	0.291	0.276
sla-mir-23a	652	0.549	1.000	0.987	0.459	0.956	0.939	0.885	0.210	0.233
sla-mir-27a	592	0.029	1.000	0.937	0.043	0.965	0.894	0.593	0.214	0.222
sla-mir-28	438	0.000	1.000	0.983	0.158	0.972	0.958	0.335	0.252	0.243
sla-mir-29a	4412	0.000	1.000	0.980	0.099	0.970	0.938	0.183	0.312	0.287
sla-mir-29b	2870	0.329	1.000	0.977	0.199	0.967	0.948	0.259	0.263	0.244
sla-mir-32	3038	0.338	1.000	0.996	0.091	0.972	0.953	0.798	0.214	0.234
sla-mir-34a	410	0.041	1.000	0.928	0.066	0.974	0.934	0.480	0.219	0.219
sla-mir-7	490	0.547	0.995	0.971	0.418	0.969	0.957	0.598	0.252	0.258
sla-mir-92-1	2960	0.000	1.000	0.994	0.743	0.964	0.966	0.896	0.265	0.292
sla-mir-92-2	2870	0.057	1.000	0.925	0.206	0.953	0.894	0.430	0.222	0.218
sla-mir-93	868	0.127	1.000	0.930	0.095	0.967	0.929	0.337	0.250	0.240
sla-mir-95	1686	0.619	1.000	0.994	0.701	0.964	0.965	0.933	0.251	0.276
sla-mir-96	406	0.000	1.000	0.963	0.175	0.968	0.924	0.698	0.294	0.310
sme-bantam-a	572	0.000	1.000	0.968	0.240	0.960	0.915	0.423	0.302	0.294
sme-bantam-b	576	0.637	1.000	0.988	0.395	0.970	0.958	0.308	0.354	0.340
sme-bantam-c	658	0.000	1.000	1.000	0.756	0.968	0.972	0.559	0.222	0.226
sme-let-7a	436	0.092	1.000	0.974	0.115	0.976	0.950	0.692	0.263	0.276
sme-let-7b	466	0.386	1.000	0.986	0.243	0.971	0.954	0.735	0.247	0.258
sme-let-7c	692	0.019	1.000	0.905	0.056	0.966	0.918	0.331	0.218	0.204
sme-lin-4	850	0.024	1.000	0.894	0.010	0.976	0.895	0.024	0.333	0.257

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
sme-mir-10	360	0.094	0.999	0.836	0.033	0.973	0.902	0.378	0.237	0.227
sme-mir-12	360	0.000	1.000	0.889	0.006	0.980	0.927	0.054	0.343	0.301
sme-mir-124a	466	0.000	1.000	0.964	0.105	0.978	0.939	0.541	0.277	0.280
sme-mir-124b	446	0.576	1.000	0.982	0.457	0.960	0.945	0.336	0.294	0.283
sme-mir-124c	552	0.067	1.000	0.849	0.088	0.958	0.873	0.413	0.271	0.262
sme-mir-125a	412	0.182	1.000	0.960	0.148	0.979	0.959	0.645	0.284	0.294
sme-mir-125b	422	0.036	1.000	0.869	0.030	0.966	0.880	0.047	0.267	0.225
sme-mir-13	558	0.000	1.000	1.000	0.136	0.971	0.957	0.787	0.232	0.245
sme-mir-133	442	0.274	0.998	0.855	0.142	0.962	0.898	0.147	0.333	0.300
sme-mir-184	418	0.069	1.000	0.903	0.159	0.971	0.923	0.792	0.285	0.330
sme-mir-190a	416	0.579	1.000	0.993	0.423	0.964	0.953	0.798	0.248	0.268
sme-mir-190b	432	0.282	0.999	0.930	0.249	0.952	0.916	0.720	0.220	0.243
sme-mir-1a	596	0.250	1.000	0.987	0.082	0.973	0.945	0.465	0.239	0.237
sme-mir-1b	546	0.573	1.000	0.976	0.505	0.957	0.939	0.299	0.272	0.261
sme-mir-1c	576	0.247	1.000	0.992	0.078	0.974	0.950	0.185	0.274	0.258
sme-mir-219	670	0.119	1.000	0.933	0.233	0.964	0.925	0.776	0.211	0.242
sme-mir-277a	412	0.000	1.000	0.964	0.017	0.982	0.948	0.348	0.297	0.290
sme-mir-277b	736	0.000	1.000	0.940	0.034	0.974	0.914	0.071	0.300	0.271
sme-mir-277c	428	0.266	1.000	0.943	0.134	0.966	0.940	0.520	0.265	0.267
sme-mir-277d	446	0.000	1.000	0.928	0.005	0.978	0.905	0.036	0.350	0.293
sme-mir-278	490	0.008	1.000	0.892	0.069	0.972	0.923	0.303	0.272	0.255
sme-mir-281	500	0.438	0.998	0.957	0.532	0.954	0.945	0.536	0.274	0.276
sme-mir-2a-1	432	0.042	1.000	0.879	0.145	0.967	0.909	0.316	0.289	0.273
sme-mir-2a-2	466	0.124	1.000	0.953	0.067	0.972	0.929	0.421	0.321	0.313
sme-mir-2b	766	0.308	1.000	0.993	0.113	0.978	0.960	0.689	0.273	0.281
sme-mir-2c	508	0.059	1.000	0.890	0.138	0.965	0.909	0.413	0.319	0.309
sme-mir-2d	430	0.116	0.996	0.812	0.082	0.961	0.894	0.225	0.244	0.220
sme-mir-31a	660	0.192	1.000	0.928	0.079	0.977	0.937	0.154	0.327	0.303
sme-mir-31b	452	0.325	0.999	0.912	0.178	0.967	0.918	0.185	0.290	0.270
sme-mir-36	528	0.218	1.000	0.952	0.358	0.963	0.932	0.209	0.302	0.284
sme-mir-61	360	0.086	1.000	0.830	0.095	0.971	0.919	0.601	0.308	0.314
sme-mir-67	756	0.685	0.992	0.963	0.548	0.941	0.925	0.702	0.256	0.266
sme-mir-71a-1	466	0.000	1.000	0.990	0.304	0.977	0.960	0.579	0.345	0.350
sme-mir-71a-2	466	0.837	0.997	0.992	0.887	0.934	0.954	0.913	0.244	0.277
sme-mir-71b	480	0.052	1.000	0.964	0.176	0.978	0.957	0.483	0.327	0.324
sme-mir-71c	736	0.000	1.000	0.999	0.325	0.973	0.966	0.089	0.313	0.290
sme-mir-745	422	0.178	0.998	0.876	0.084	0.964	0.891	0.210	0.333	0.300
sme-mir-746	700	0.299	0.867	0.699	0.046	0.951	0.864	0.023	0.286	0.214
sme-mir-747	482	0.180	1.000	0.921	0.087	0.971	0.918	0.645	0.221	0.227

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
sme-mir-748	496	0.512	1.000	0.993	0.138	0.975	0.953	0.227	0.300	0.284
sme-mir-749	412	0.883	0.282	0.715	0.825	0.802	0.865	0.917	0.199	0.268
sme-mir-750	460	0.778	0.591	0.778	0.588	0.908	0.898	0.606	0.229	0.238
sme-mir-751	732	0.779	0.476	0.701	0.572	0.841	0.849	0.492	0.278	0.277
sme-mir-752	460	0.635	0.966	0.934	0.378	0.958	0.924	0.715	0.216	0.229
sme-mir-753	666	0.000	1.000	1.000	0.688	0.973	0.975	0.859	0.234	0.246
sme-mir-754	426	0.000	1.000	0.994	0.077	0.974	0.954	0.343	0.265	0.258
sme-mir-755	326	0.264	1.000	0.967	0.073	0.976	0.939	0.404	0.324	0.320
sme-mir-756	412	0.000	1.000	0.877	0.022	0.977	0.909	0.557	0.309	0.311
sme-mir-79	412	0.558	0.999	0.963	0.193	0.972	0.947	0.509	0.297	0.298
sme-mir-7a	426	0.185	1.000	0.959	0.108	0.956	0.906	0.727	0.225	0.240
sme-mir-7b	490	0.669	0.990	0.971	0.712	0.955	0.957	0.759	0.242	0.257
sme-mir-7c	692	0.341	0.995	0.894	0.264	0.953	0.897	0.260	0.264	0.243
sme-mir-8	436	0.211	0.999	0.894	0.084	0.956	0.878	0.052	0.357	0.271
sme-mir-87a	412	0.002	1.000	0.874	0.010	0.976	0.907	0.341	0.316	0.301
sme-mir-87b	430	0.265	0.985	0.835	0.233	0.952	0.896	0.428	0.235	0.227
sme-mir-92	446	0.439	1.000	0.975	0.197	0.968	0.941	0.462	0.274	0.272
sof-MIR156	400	0.245	0.977	0.851	0.095	0.971	0.952	0.460	0.241	0.239
sof-MIR159a	490	0.745	0.253	0.431	0.094	0.973	0.926	0.463	0.228	0.222
sof-MIR159b	490	1.000	0.476	0.490	0.000	0.969	0.960	0.000	0.223	0.000
sof-MIR159c	290	1.000	0.447	0.569	0.000	0.974	0.890	0.000	0.234	0.000
sof-MIR159d	490	0.476	0.380	0.397	0.180	0.952	0.916	0.271	0.236	0.215
sof-MIR159e	120	0.717	0.222	0.405	0.017	0.978	0.916	0.200	0.245	0.222
sof-MIR167a	400	0.730	0.730	0.802	0.805	0.953	0.965	0.970	0.222	0.267
sof-MIR167b	630	0.284	0.966	0.821	0.506	0.970	0.967	0.832	0.246	0.269
sof-MIR168a	360	0.039	1.000	0.930	0.074	0.977	0.951	0.442	0.272	0.269
sof-MIR168b	540	0.115	1.000	0.903	0.179	0.967	0.930	0.637	0.291	0.299
sof-MIR396	400	0.963	0.482	0.863	0.945	0.923	0.953	0.912	0.169	0.194
sof-MIR408a	510	0.333	0.616	0.506	0.112	0.975	0.946	0.200	0.289	0.260
sof-MIR408b	490	1.000	0.320	0.348	0.000	0.969	0.885	0.000	0.247	0.000
sof-MIR408c	350	0.723	0.362	0.500	0.197	0.973	0.947	0.380	0.259	0.252
sof-MIR408d	410	0.622	0.343	0.449	0.707	0.896	0.909	0.722	0.209	0.231
sof-MIR408e	490	0.196	0.614	0.408	0.286	0.946	0.911	0.531	0.217	0.219
ssc-let-7c	462	0.268	1.000	0.981	0.248	0.968	0.948	0.210	0.238	0.222
ssc-let-7f	770	0.169	1.000	0.997	0.317	0.961	0.949	0.704	0.217	0.223
ssc-let-7i	1160	0.028	1.000	0.971	0.185	0.954	0.935	0.479	0.239	0.237
ssc-mir-103	476	0.141	1.000	0.965	0.166	0.958	0.916	0.261	0.207	0.195
ssc-mir-105-1	436	0.782	1.000	0.993	0.615	0.966	0.964	0.586	0.272	0.276
ssc-mir-105-2	486	0.193	1.000	0.979	0.482	0.954	0.942	0.903	0.225	0.258

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ssc-mir-106a	466	0.122	1.000	0.973	0.140	0.967	0.926	0.219	0.251	0.236
ssc-mir-107	442	0.627	0.999	0.984	0.499	0.959	0.950	0.006	0.276	0.240
ssc-mir-122a	708	0.000	1.000	0.994	0.152	0.979	0.970	0.410	0.255	0.252
ssc-mir-124a	550	0.000	1.000	0.940	0.157	0.971	0.925	0.273	0.333	0.309
ssc-mir-125b	4572	0.083	1.000	0.815	0.136	0.960	0.880	0.449	0.262	0.255
ssc-mir-128a	2760	0.394	1.000	0.967	0.311	0.966	0.944	0.097	0.313	0.291
ssc-mir-135-1	418	0.000	1.000	0.991	0.076	0.982	0.970	0.144	0.285	0.265
ssc-mir-135-2	3040	0.286	1.000	0.976	0.361	0.970	0.961	0.210	0.260	0.245
ssc-mir-136	456	0.000	1.000	0.988	0.098	0.981	0.965	0.768	0.272	0.286
ssc-mir-139	450	0.987	0.528	0.972	0.996	0.717	0.923	0.969	0.237	0.293
ssc-mir-140	772	0.000	1.000	0.995	0.082	0.970	0.954	0.292	0.229	0.221
ssc-mir-145	438	0.007	1.000	0.882	0.010	0.977	0.896	0.246	0.298	0.276
ssc-mir-148a	728	0.014	1.000	0.933	0.004	0.967	0.912	0.057	0.255	0.216
ssc-mir-153	2636	0.000	1.000	0.987	0.008	0.982	0.961	0.057	0.287	0.261
ssc-mir-15b	460	0.054	1.000	0.835	0.000	0.982	0.900	0.013	0.316	0.263
ssc-mir-18	692	0.322	0.982	0.796	0.367	0.916	0.876	0.633	0.232	0.242
ssc-mir-181b	452	0.000	1.000	0.974	0.004	0.980	0.941	0.001	0.353	0.299
ssc-mir-181c	718	0.942	0.892	0.978	0.875	0.927	0.952	0.972	0.253	0.305
ssc-mir-183	426	0.535	0.997	0.950	0.613	0.912	0.903	0.797	0.229	0.254
ssc-mir-184	736	0.000	1.000	0.983	0.191	0.977	0.962	0.260	0.293	0.282
ssc-mir-186	506	0.441	1.000	0.987	0.544	0.967	0.963	0.938	0.264	0.297
ssc-mir-196	510	0.622	0.994	0.980	0.861	0.952	0.964	0.629	0.215	0.222
ssc-mir-19a	2484	0.000	1.000	0.988	0.098	0.969	0.952	0.713	0.228	0.241
ssc-mir-20	3972	0.320	1.000	0.998	0.376	0.961	0.954	0.651	0.221	0.229
ssc-mir-204	430	0.067	1.000	0.899	0.297	0.962	0.929	0.326	0.321	0.303
ssc-mir-205	450	0.000	1.000	0.989	0.020	0.982	0.963	0.091	0.324	0.291
ssc-mir-21	824	0.735	0.996	0.975	0.171	0.973	0.954	0.876	0.232	0.251
ssc-mir-214	520	0.000	1.000	0.985	0.057	0.985	0.974	0.046	0.348	0.317
ssc-mir-216	540	0.222	0.996	0.870	0.390	0.947	0.909	0.343	0.311	0.294
ssc-mir-217	430	0.260	0.988	0.796	0.441	0.930	0.898	0.032	0.355	0.295
ssc-mir-224	566	0.375	1.000	0.954	0.585	0.942	0.934	0.684	0.218	0.230
ssc-mir-23a	416	0.498	1.000	0.987	0.525	0.952	0.937	0.798	0.252	0.271
ssc-mir-24	326	0.880	0.667	0.895	0.851	0.772	0.870	0.763	0.292	0.327
ssc-mir-26a	898	0.000	1.000	0.980	0.111	0.977	0.949	0.864	0.242	0.276
ssc-mir-27a	476	0.137	1.000	0.961	0.083	0.968	0.912	0.497	0.248	0.246
ssc-mir-28	452	0.770	0.998	0.985	0.670	0.953	0.954	0.852	0.221	0.266
ssc-mir-29b	486	0.574	1.000	0.990	0.738	0.952	0.957	0.609	0.263	0.270
ssc-mir-29c	410	0.463	1.000	0.992	0.198	0.969	0.956	0.537	0.253	0.255
ssc-mir-301	476	0.578	0.924	0.838	0.144	0.943	0.860	0.071	0.309	0.258

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
ssc-mir-30c	566	0.000	1.000	0.934	0.020	0.979	0.909	0.455	0.342	0.333
ssc-mir-32	436	0.000	1.000	0.993	0.185	0.969	0.952	0.872	0.214	0.241
ssc-mir-323	442	0.009	1.000	0.849	0.056	0.968	0.893	0.244	0.318	0.293
ssc-mir-325	412	0.376	1.000	0.987	0.277	0.982	0.974	0.455	0.351	0.350
ssc-mir-326	412	0.100	1.000	0.975	0.115	0.971	0.950	0.042	0.297	0.266
ssc-mir-7	510	0.429	1.000	0.978	0.396	0.972	0.965	0.056	0.260	0.241
ssc-mir-9-1	1812	0.254	1.000	0.995	0.562	0.967	0.964	0.633	0.262	0.270
ssc-mir-9-2	3528	0.000	1.000	0.995	0.257	0.976	0.967	0.881	0.226	0.248
ssc-mir-95	466	0.000	1.000	0.997	0.734	0.969	0.972	0.869	0.263	0.286
sv40-mir-S1	432	0.088	1.000	0.896	0.099	0.965	0.903	0.210	0.288	0.264
tni-let-7a-1	596	0.196	1.000	0.992	0.165	0.970	0.950	0.474	0.261	0.259
tni-let-7a-2	516	0.074	1.000	0.980	0.061	0.971	0.937	0.173	0.353	0.318
tni-let-7a-3	400	0.117	1.000	0.962	0.169	0.969	0.941	0.373	0.375	0.362
tni-let-7b	532	0.680	0.999	0.987	0.632	0.948	0.950	0.347	0.242	0.232
tni-let-7d	1076	0.488	0.999	0.948	0.382	0.964	0.936	0.514	0.264	0.265
tni-let-7e	560	0.477	0.999	0.983	0.292	0.966	0.951	0.345	0.273	0.262
tni-let-7g	592	0.088	1.000	0.967	0.230	0.960	0.929	0.506	0.283	0.282
tni-let-7h	355	0.679	0.992	0.979	0.465	0.958	0.952	0.504	0.263	0.264
tni-let-7i	812	0.027	1.000	0.960	0.097	0.957	0.928	0.331	0.242	0.226
tni-let-7j	290	0.510	1.000	0.994	0.766	0.930	0.944	0.866	0.252	0.283
tni-mir-1	412	0.420	1.000	0.988	0.591	0.956	0.956	0.767	0.225	0.247
tni-mir-100	770	0.000	1.000	0.951	0.322	0.948	0.902	0.762	0.243	0.260
tni-mir-101a	912	0.000	1.000	0.999	0.280	0.969	0.961	0.584	0.239	0.244
tni-mir-101b	432	0.509	1.000	0.996	0.474	0.966	0.964	0.645	0.220	0.229
tni-mir-103	438	0.000	1.000	0.967	0.059	0.974	0.939	0.148	0.287	0.265
tni-mir-107	708	0.154	1.000	0.934	0.254	0.956	0.910	0.128	0.247	0.228
tni-mir-10b-1	476	0.653	0.997	0.967	0.658	0.945	0.942	0.578	0.249	0.252
tni-mir-10b-2	436	0.817	0.997	0.991	0.773	0.929	0.935	0.684	0.248	0.258
tni-mir-10c	430	0.816	0.817	0.889	0.522	0.941	0.918	0.645	0.321	0.337
tni-mir-10d	190	0.795	0.816	0.906	0.568	0.951	0.945	0.474	0.261	0.259
tni-mir-122	458	0.000	1.000	0.996	0.032	0.982	0.963	0.563	0.288	0.292
tni-mir-124-1	558	0.312	1.000	0.992	0.323	0.967	0.951	0.513	0.264	0.265
tni-mir-124-2	496	0.179	1.000	0.968	0.272	0.969	0.934	0.398	0.329	0.320
tni-mir-124-3	476	0.235	1.000	0.981	0.373	0.969	0.942	0.366	0.371	0.359
tni-mir-125a	492	0.309	1.000	0.955	0.455	0.931	0.898	0.732	0.312	0.334
tni-mir-125b	692	0.205	1.000	0.972	0.390	0.965	0.950	0.210	0.274	0.260
tni-mir-126	1050	0.000	1.000	0.991	0.059	0.977	0.942	0.277	0.349	0.330
tni-mir-128-1	326	0.123	1.000	0.963	0.011	0.974	0.923	0.220	0.292	0.273
tni-mir-128-2	326	0.405	0.998	0.932	0.440	0.923	0.890	0.086	0.329	0.288

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
tni-mir-129-1	448	0.199	1.000	0.945	0.266	0.965	0.938	0.371	0.271	0.260
tni-mir-129-2	606	0.450	0.999	0.938	0.670	0.908	0.912	0.962	0.188	0.249
tni-mir-130	496	0.107	1.000	0.960	0.201	0.960	0.907	0.184	0.315	0.288
tni-mir-132	486	0.455	1.000	0.998	0.163	0.979	0.969	0.024	0.282	0.249
tni-mir-133	442	0.002	1.000	0.885	0.043	0.979	0.900	0.386	0.398	0.378
tni-mir-135a	872	0.000	1.000	0.975	0.174	0.973	0.942	0.773	0.295	0.317
tni-mir-135b	426	0.444	1.000	0.989	0.470	0.970	0.965	0.257	0.225	0.216
tni-mir-137	436	0.064	1.000	0.968	0.297	0.948	0.909	0.596	0.248	0.254
tni-mir-138	476	0.000	1.000	0.975	0.138	0.965	0.916	0.627	0.287	0.303
tni-mir-140	756	0.000	1.000	0.998	0.056	0.974	0.957	0.431	0.284	0.282
tni-mir-142a	432	0.000	1.000	0.996	0.111	0.984	0.976	0.491	0.300	0.298
tni-mir-142b	452	0.000	1.000	0.987	0.129	0.980	0.967	0.759	0.264	0.288
tni-mir-144	786	0.000	1.000	0.988	0.504	0.963	0.953	0.808	0.234	0.258
tni-mir-148	478	0.414	1.000	0.998	0.049	0.974	0.951	0.091	0.258	0.237
tni-mir-152	452	0.376	0.988	0.883	0.272	0.930	0.879	0.707	0.310	0.337
tni-mir-153a	326	0.273	1.000	0.968	0.307	0.959	0.938	0.043	0.273	0.243
tni-mir-153b	950	0.345	1.000	0.983	0.357	0.966	0.954	0.554	0.260	0.263
tni-mir-15a	426	0.441	1.000	0.991	0.574	0.965	0.953	0.597	0.338	0.344
tni-mir-15b	412	0.626	0.996	0.947	0.404	0.962	0.931	0.076	0.308	0.271
tni-mir-16	326	0.236	1.000	0.971	0.060	0.978	0.942	0.177	0.361	0.341
tni-mir-17-1	438	0.176	1.000	0.930	0.164	0.961	0.902	0.376	0.256	0.244
tni-mir-17-2	476	0.111	1.000	0.976	0.125	0.971	0.931	0.209	0.289	0.266
tni-mir-18	892	0.020	1.000	0.811	0.035	0.960	0.860	0.407	0.250	0.238
tni-mir-181a-1	456	0.026	1.000	0.889	0.016	0.975	0.873	0.088	0.297	0.256
tni-mir-181a-2	412	0.755	0.918	0.918	0.520	0.935	0.912	0.441	0.330	0.322
tni-mir-181b-1	980	0.000	1.000	0.955	0.008	0.980	0.939	0.011	0.368	0.313
tni-mir-181b-2	486	0.154	1.000	0.982	0.091	0.977	0.943	0.144	0.364	0.335
tni-mir-182	478	0.513	0.981	0.896	0.342	0.906	0.865	0.348	0.308	0.289
tni-mir-183	686	0.136	1.000	0.907	0.228	0.935	0.890	0.965	0.190	0.258
tni-mir-184	506	0.569	0.998	0.955	0.209	0.956	0.900	0.108	0.370	0.328
tni-mir-187	492	0.000	1.000	1.000	0.499	0.971	0.968	0.274	0.318	0.307
tni-mir-190	856	0.586	1.000	0.999	0.624	0.951	0.951	0.773	0.249	0.273
tni-mir-192	466	0.539	0.994	0.940	0.443	0.943	0.914	0.640	0.305	0.313
tni-mir-193	490	0.045	1.000	0.926	0.249	0.942	0.887	0.739	0.309	0.329
tni-mir-194	466	0.378	0.999	0.935	0.218	0.958	0.898	0.670	0.272	0.284
tni-mir-196a-1	400	0.757	0.999	0.995	0.787	0.965	0.972	0.627	0.244	0.249
tni-mir-196a-2	612	0.786	0.992	0.970	0.378	0.953	0.918	0.851	0.268	0.307
tni-mir-196b	580	0.169	1.000	0.952	0.167	0.956	0.893	0.583	0.338	0.347
tni-mir-199-1	528	0.123	1.000	0.968	0.066	0.976	0.937	0.452	0.264	0.261

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
tni-mir-199-2	872	0.000	1.000	0.982	0.333	0.964	0.947	0.717	0.269	0.284
tni-mir-199-3	512	0.355	0.999	0.946	0.448	0.959	0.937	0.286	0.298	0.287
tni-mir-19a	572	0.028	1.000	0.967	0.032	0.970	0.918	0.107	0.296	0.258
tni-mir-19b	406	0.099	1.000	0.964	0.095	0.973	0.936	0.290	0.368	0.353
tni-mir-20	606	0.000	1.000	0.995	0.170	0.968	0.949	0.419	0.224	0.219
tni-mir-200a	838	0.000	1.000	0.980	0.120	0.966	0.923	0.341	0.285	0.274
tni-mir-200b	410	0.300	1.000	0.968	0.210	0.954	0.901	0.268	0.277	0.258
tni-mir-202	700	0.533	1.000	0.979	0.764	0.938	0.947	0.972	0.222	0.261
tni-mir-203	596	0.000	1.000	0.982	0.398	0.961	0.946	0.582	0.275	0.278
tni-mir-204a	412	0.041	1.000	0.937	0.049	0.978	0.928	0.228	0.376	0.353
tni-mir-204b	732	0.131	1.000	0.915	0.137	0.968	0.906	0.347	0.298	0.283
tni-mir-205	558	0.326	1.000	0.971	0.059	0.978	0.923	0.406	0.338	0.330
tni-mir-21	410	0.217	1.000	0.956	0.659	0.961	0.955	0.368	0.355	0.342
tni-mir-210	466	0.455	0.957	0.823	0.256	0.931	0.865	0.683	0.301	0.321
tni-mir-212	412	0.010	1.000	0.892	0.017	0.970	0.898	0.297	0.239	0.225
tni-mir-214	428	0.259	1.000	0.983	0.520	0.972	0.964	0.251	0.356	0.342
tni-mir-216a	506	0.081	1.000	0.940	0.179	0.956	0.908	0.652	0.251	0.263
tni-mir-216b	406	0.613	0.992	0.950	0.634	0.928	0.920	0.325	0.307	0.297
tni-mir-217	428	0.736	0.896	0.896	0.935	0.724	0.884	0.822	0.202	0.231
tni-mir-218a-1	456	0.450	1.000	0.994	0.448	0.975	0.969	0.148	0.281	0.264
tni-mir-218a-2	626	0.240	1.000	0.968	0.139	0.969	0.939	0.075	0.298	0.261
tni-mir-218b	766	0.141	1.000	0.962	0.304	0.951	0.910	0.875	0.215	0.249
tni-mir-219-1	498	0.000	1.000	0.967	0.014	0.982	0.949	0.070	0.309	0.272
tni-mir-219-2	572	0.082	1.000	0.947	0.114	0.965	0.911	0.726	0.258	0.276
tni-mir-221	450	0.336	1.000	0.949	0.211	0.954	0.906	0.709	0.295	0.316
tni-mir-222	450	0.098	1.000	0.961	0.355	0.944	0.908	0.489	0.270	0.267
tni-mir-223	452	0.095	1.000	0.987	0.158	0.971	0.950	0.091	0.329	0.304
tni-mir-22a	452	0.000	1.000	0.981	0.254	0.966	0.955	0.862	0.198	0.225
tni-mir-22b	442	0.122	1.000	0.969	0.332	0.963	0.943	0.287	0.268	0.257
tni-mir-23a-1	856	0.190	1.000	0.964	0.277	0.967	0.938	0.381	0.303	0.292
tni-mir-23a-2	486	0.823	1.000	0.994	0.702	0.946	0.945	0.675	0.215	0.227
tni-mir-23a-3	476	0.601	1.000	0.996	0.792	0.952	0.959	0.751	0.276	0.292
tni-mir-23b	506	0.727	0.988	0.973	0.509	0.927	0.905	0.784	0.215	0.242
tni-mir-24-1	436	0.427	1.000	0.986	0.133	0.967	0.937	0.273	0.295	0.279
tni-mir-24-2	746	0.438	1.000	0.987	0.582	0.962	0.958	0.865	0.271	0.304
tni-mir-25	832	0.106	1.000	0.871	0.125	0.956	0.871	0.592	0.232	0.237
tni-mir-26	858	0.000	1.000	0.964	0.048	0.981	0.957	0.033	0.292	0.254
tni-mir-27b	732	0.000	1.000	0.985	0.337	0.963	0.946	0.617	0.284	0.291
tni-mir-27c	406	0.542	1.000	0.989	0.481	0.965	0.958	0.710	0.263	0.272

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
tni-mir-27e	726	0.000	1.000	0.985	0.330	0.966	0.939	0.583	0.373	0.380
tni-mir-29a-1	326	0.000	1.000	0.954	0.244	0.955	0.923	0.920	0.287	0.335
tni-mir-29a-2	560	0.027	1.000	0.904	0.072	0.971	0.922	0.110	0.347	0.303
tni-mir-29b-1	756	0.782	0.999	0.991	0.846	0.940	0.953	0.868	0.207	0.225
tni-mir-29b-2	476	0.924	0.993	0.997	0.884	0.935	0.953	0.944	0.201	0.257
tni-mir-301	496	0.125	1.000	0.981	0.373	0.961	0.943	0.362	0.283	0.273
tni-mir-30b	746	0.676	0.922	0.886	0.584	0.854	0.855	0.520	0.251	0.251
tni-mir-30c	476	0.943	0.949	0.985	0.848	0.943	0.957	0.877	0.228	0.252
tni-mir-30d	552	0.000	1.000	0.977	0.075	0.980	0.954	0.704	0.267	0.278
tni-mir-338	662	0.000	1.000	0.973	0.076	0.974	0.949	0.069	0.333	0.294
tni-mir-365	412	0.468	0.999	0.970	0.256	0.966	0.945	0.213	0.341	0.322
tni-mir-375	612	0.002	1.000	0.831	0.011	0.969	0.865	0.330	0.307	0.286
tni-mir-429	438	0.909	0.970	0.983	0.759	0.948	0.953	0.932	0.245	0.278
tni-mir-455	546	0.753	0.994	0.971	0.668	0.943	0.936	0.697	0.226	0.236
tni-mir-458	766	0.000	1.000	0.994	0.267	0.973	0.959	0.704	0.255	0.266
tni-mir-460	450	0.042	1.000	0.925	0.020	0.970	0.877	0.100	0.309	0.270
tni-mir-489	692	0.532	0.999	0.943	0.497	0.961	0.936	0.830	0.290	0.311
tni-mir-7	492	0.130	1.000	0.978	0.256	0.951	0.910	0.226	0.318	0.300
tni-mir-9-1	682	0.617	1.000	0.992	0.611	0.968	0.967	0.723	0.267	0.277
tni-mir-9-2	652	0.813	0.999	0.997	0.727	0.947	0.952	0.917	0.241	0.277
tni-mir-9-3	652	0.362	1.000	0.996	0.502	0.967	0.963	0.705	0.297	0.307
tni-mir-9-4	448	0.000	1.000	0.986	0.326	0.977	0.967	0.622	0.267	0.274
tni-mir-92-1	596	0.000	1.000	0.991	0.344	0.965	0.950	0.623	0.257	0.263
tni-mir-92-2	326	0.000	1.000	0.955	0.017	0.980	0.931	0.744	0.329	0.345
tni-mir-96	526	0.000	1.000	0.959	0.064	0.975	0.930	0.706	0.274	0.285
xla-mir-133a	438	0.000	1.000	0.914	0.063	0.975	0.912	0.478	0.267	0.263
xla-mir-18	576	0.082	1.000	0.919	0.095	0.967	0.909	0.257	0.253	0.233
xla-mir-19b	786	0.132	1.000	0.946	0.050	0.964	0.895	0.375	0.201	0.195
xla-mir-20	496	0.169	1.000	0.977	0.047	0.971	0.932	0.337	0.270	0.260
xla-mir-427	630	0.797	0.954	0.955	0.364	0.905	0.871	0.273	0.230	0.206
xla-mir-428	652	0.521	0.968	0.866	0.545	0.874	0.860	0.674	0.244	0.259
xla-mir-429	810	0.669	1.000	0.996	0.640	0.952	0.950	0.692	0.235	0.247
xtr-let-7a	380	0.000	1.000	0.997	0.097	0.976	0.968	0.024	0.240	0.214
xtr-let-7b	476	0.000	1.000	0.983	0.044	0.975	0.954	0.231	0.276	0.257
xtr-let-7c	408	0.069	1.000	0.950	0.111	0.965	0.922	0.326	0.248	0.237
xtr-let-7e-1	700	0.069	1.000	0.977	0.157	0.964	0.938	0.444	0.259	0.256
xtr-let-7e-2	692	0.126	1.000	0.948	0.170	0.962	0.923	0.265	0.276	0.254
xtr-let-7f	406	0.232	1.000	0.994	0.529	0.953	0.950	0.717	0.261	0.285
xtr-let-7g	466	0.661	0.999	0.985	0.825	0.933	0.950	0.792	0.262	0.284

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
xtr-let-7i	448	0.033	1.000	0.949	0.114	0.955	0.930	0.312	0.231	0.216
xtr-mir-100	486	0.447	0.999	0.943	0.584	0.911	0.904	0.356	0.246	0.237
xtr-mir-101a-1	477	0.635	0.999	0.991	0.561	0.962	0.961	0.836	0.234	0.262
xtr-mir-101a-2	466	0.000	1.000	0.997	0.215	0.977	0.968	0.592	0.293	0.299
xtr-mir-103-1	452	0.000	1.000	0.968	0.024	0.971	0.931	0.263	0.231	0.220
xtr-mir-103-2	446	0.426	1.000	0.987	0.441	0.957	0.945	0.501	0.221	0.222
xtr-mir-106	572	0.000	1.000	0.994	0.072	0.971	0.942	0.031	0.323	0.287
xtr-mir-107	506	0.209	1.000	0.987	0.115	0.964	0.933	0.051	0.288	0.257
xtr-mir-10a	480	0.040	1.000	0.974	0.053	0.977	0.952	0.624	0.260	0.266
xtr-mir-10b	432	0.333	1.000	0.992	0.361	0.975	0.968	0.506	0.261	0.262
xtr-mir-10c	606	0.495	1.000	0.987	0.557	0.957	0.947	0.676	0.291	0.304
xtr-mir-122	450	0.000	1.000	0.992	0.035	0.977	0.950	0.159	0.309	0.285
xtr-mir-124	432	0.000	1.000	0.951	0.142	0.975	0.939	0.316	0.307	0.297
xtr-mir-125a	558	0.000	1.000	0.952	0.079	0.962	0.887	0.684	0.263	0.276
xtr-mir-125b-1	432	0.576	0.992	0.954	0.335	0.958	0.934	0.874	0.216	0.239
xtr-mir-125b-2	548	0.294	1.000	0.924	0.332	0.961	0.918	0.770	0.282	0.312
xtr-mir-126	450	0.000	1.000	0.997	0.062	0.975	0.955	0.408	0.251	0.248
xtr-mir-128-1	456	0.270	1.000	0.960	0.330	0.964	0.937	0.325	0.289	0.278
xtr-mir-128-2	506	0.132	1.000	0.948	0.086	0.966	0.913	0.017	0.333	0.279
xtr-mir-129-1	418	0.218	1.000	0.922	0.422	0.962	0.944	0.757	0.248	0.265
xtr-mir-129-2	466	0.052	1.000	0.840	0.054	0.955	0.864	0.606	0.228	0.237
xtr-mir-130a	736	0.572	1.000	0.992	0.034	0.977	0.958	0.099	0.273	0.239
xtr-mir-130b	406	0.768	0.991	0.972	0.910	0.840	0.928	0.771	0.268	0.287
xtr-mir-130c	436	0.369	1.000	0.987	0.338	0.968	0.950	0.366	0.324	0.317
xtr-mir-132	438	0.180	1.000	0.994	0.573	0.963	0.961	0.875	0.226	0.249
xtr-mir-133a	552	0.000	1.000	0.928	0.073	0.975	0.917	0.553	0.264	0.265
xtr-mir-133b	406	0.192	1.000	0.941	0.028	0.973	0.919	0.361	0.262	0.253
xtr-mir-133c	438	0.027	1.000	0.884	0.034	0.977	0.903	0.562	0.302	0.304
xtr-mir-133d	486	0.062	1.000	0.939	0.193	0.954	0.911	0.168	0.285	0.247
xtr-mir-135-1	480	0.806	0.998	0.990	0.857	0.961	0.970	0.802	0.237	0.254
xtr-mir-135-2	432	0.326	1.000	0.992	0.411	0.974	0.969	0.557	0.273	0.277
xtr-mir-137-1	1110	0.138	1.000	0.975	0.180	0.975	0.958	0.587	0.254	0.259
xtr-mir-137-2	1110	0.138	1.000	0.975	0.180	0.975	0.958	0.587	0.254	0.259
xtr-mir-137-3	1110	0.138	1.000	0.975	0.180	0.975	0.958	0.587	0.254	0.259
xtr-mir-138	452	0.270	1.000	0.988	0.034	0.980	0.958	0.251	0.310	0.293
xtr-mir-139	658	0.000	1.000	0.984	0.311	0.965	0.944	0.048	0.299	0.269
xtr-mir-140	408	0.000	1.000	0.997	0.361	0.977	0.972	0.853	0.227	0.244
xtr-mir-142-1	876	0.212	1.000	0.987	0.134	0.975	0.959	0.170	0.252	0.237
xtr-mir-142-2	876	0.212	1.000	0.987	0.134	0.975	0.959	0.170	0.252	0.237

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
xtr-mir-143	446	0.000	1.000	0.982	0.258	0.970	0.950	0.700	0.253	0.263
xtr-mir-144	458	0.659	1.000	0.996	0.433	0.960	0.949	0.477	0.280	0.279
xtr-mir-145	452	0.296	1.000	0.984	0.466	0.971	0.960	0.751	0.264	0.281
xtr-mir-146	712	0.098	1.000	0.903	0.040	0.976	0.904	0.106	0.304	0.271
xtr-mir-148a	552	0.243	1.000	0.977	0.116	0.968	0.948	0.046	0.264	0.229
xtr-mir-148b	400	0.463	0.983	0.921	0.297	0.954	0.917	0.659	0.234	0.246
xtr-mir-150	492	0.000	1.000	0.970	0.108	0.966	0.911	0.331	0.307	0.294
xtr-mir-153-1	438	0.075	1.000	0.988	0.136	0.972	0.957	0.467	0.234	0.233
xtr-mir-153-2	438	0.000	1.000	0.993	0.066	0.979	0.965	0.256	0.260	0.250
xtr-mir-155	530	0.000	1.000	0.967	0.122	0.972	0.934	0.377	0.348	0.338
xtr-mir-15a	426	0.653	0.999	0.971	0.623	0.942	0.932	0.209	0.313	0.287
xtr-mir-15b	432	0.306	0.996	0.856	0.218	0.953	0.890	0.445	0.292	0.285
xtr-mir-15c	496	0.179	1.000	0.938	0.241	0.954	0.903	0.677	0.378	0.403
xtr-mir-16a	466	0.000	1.000	0.988	0.070	0.980	0.960	0.181	0.276	0.260
xtr-mir-16b	466	0.446	0.997	0.931	0.294	0.950	0.895	0.391	0.262	0.252
xtr-mir-16c	516	0.066	1.000	0.960	0.214	0.960	0.915	0.721	0.281	0.301
xtr-mir-17	542	0.076	1.000	0.944	0.266	0.959	0.926	0.163	0.245	0.226
xtr-mir-181a-1	518	0.023	1.000	0.915	0.018	0.975	0.908	0.068	0.285	0.253
xtr-mir-181a-2	412	0.653	0.986	0.924	0.435	0.959	0.938	0.329	0.291	0.278
xtr-mir-181b-1	456	0.055	1.000	0.957	0.073	0.973	0.924	0.022	0.341	0.291
xtr-mir-181b-2	476	0.141	1.000	0.977	0.020	0.982	0.944	0.046	0.353	0.308
xtr-mir-182	460	0.074	0.999	0.794	0.035	0.963	0.868	0.024	0.267	0.211
xtr-mir-183	400	0.092	1.000	0.891	0.195	0.965	0.930	0.269	0.299	0.279
xtr-mir-184	456	0.186	1.000	0.957	0.058	0.972	0.924	0.257	0.305	0.281
xtr-mir-187	736	0.000	1.000	0.996	0.510	0.965	0.961	0.733	0.232	0.246
xtr-mir-18a	442	0.120	0.997	0.746	0.144	0.942	0.861	0.723	0.199	0.219
xtr-mir-18b	576	0.075	1.000	0.931	0.105	0.964	0.903	0.371	0.256	0.243
xtr-mir-191	452	0.000	1.000	0.952	0.076	0.977	0.945	0.767	0.244	0.258
xtr-mir-192	438	0.000	1.000	0.973	0.036	0.975	0.945	0.221	0.261	0.245
xtr-mir-193	456	0.689	0.990	0.960	0.655	0.938	0.938	0.900	0.181	0.211
xtr-mir-194-1	446	0.000	1.000	0.994	0.481	0.969	0.962	0.850	0.254	0.278
xtr-mir-194-2	438	0.000	1.000	0.972	0.073	0.975	0.947	0.739	0.240	0.256
xtr-mir-196a	520	0.823	0.974	0.972	0.662	0.960	0.959	0.827	0.223	0.244
xtr-mir-196b	442	0.000	1.000	0.988	0.404	0.972	0.964	0.889	0.245	0.277
xtr-mir-199a	410	0.393	0.995	0.913	0.351	0.954	0.917	0.591	0.247	0.251
xtr-mir-199b	490	0.004	1.000	0.957	0.020	0.978	0.934	0.118	0.279	0.253
xtr-mir-19a	746	0.164	1.000	0.991	0.259	0.964	0.952	0.628	0.235	0.244
xtr-mir-19b-1	606	0.031	1.000	0.943	0.041	0.969	0.896	0.211	0.256	0.233
xtr-mir-19b-2	496	0.000	1.000	0.963	0.263	0.960	0.942	0.453	0.262	0.258

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
xtr-mir-1a-1	726	0.544	1.000	0.998	0.507	0.969	0.966	0.706	0.262	0.278
xtr-mir-1a-2	436	0.546	1.000	0.999	0.069	0.971	0.953	0.052	0.282	0.246
xtr-mir-1b	558	0.000	1.000	0.978	0.034	0.969	0.920	0.789	0.231	0.259
xtr-mir-200a	528	0.000	1.000	0.989	0.029	0.979	0.962	0.008	0.303	0.252
xtr-mir-200b	428	0.063	1.000	0.893	0.040	0.977	0.918	0.723	0.277	0.295
xtr-mir-202-1	542	0.000	1.000	0.976	0.153	0.976	0.954	0.433	0.276	0.272
xtr-mir-202-2	538	0.076	1.000	0.980	0.117	0.976	0.956	0.530	0.272	0.274
xtr-mir-203	426	0.638	1.000	0.984	0.590	0.956	0.949	0.741	0.225	0.238
xtr-mir-204-1	460	0.048	1.000	0.860	0.193	0.954	0.907	0.468	0.302	0.297
xtr-mir-204-2	428	0.000	1.000	0.977	0.139	0.973	0.948	0.149	0.333	0.300
xtr-mir-205a	538	0.000	1.000	0.993	0.167	0.977	0.962	0.093	0.326	0.296
xtr-mir-205b	326	0.031	1.000	0.829	0.011	0.962	0.835	0.070	0.301	0.241
xtr-mir-206	796	0.807	1.000	0.999	0.376	0.965	0.957	0.388	0.219	0.215
xtr-mir-208	456	0.368	1.000	0.989	0.197	0.974	0.959	0.929	0.218	0.252
xtr-mir-20a	726	0.187	1.000	0.985	0.193	0.966	0.937	0.225	0.254	0.238
xtr-mir-20b	426	0.333	1.000	0.975	0.080	0.970	0.934	0.742	0.270	0.296
xtr-mir-210	702	0.016	1.000	0.863	0.004	0.980	0.898	0.042	0.308	0.255
xtr-mir-212	498	0.094	1.000	0.940	0.089	0.972	0.927	0.045	0.278	0.246
xtr-mir-214	520	0.000	1.000	0.985	0.065	0.985	0.975	0.048	0.330	0.300
xtr-mir-215	410	0.168	1.000	0.920	0.041	0.978	0.930	0.289	0.296	0.278
xtr-mir-216	422	0.000	1.000	0.962	0.030	0.979	0.952	0.315	0.282	0.275
xtr-mir-217	456	0.322	1.000	0.982	0.081	0.974	0.939	0.154	0.257	0.238
xtr-mir-218-1	510	0.335	0.999	0.948	0.482	0.962	0.944	0.839	0.242	0.280
xtr-mir-218-2	456	0.270	1.000	0.978	0.196	0.970	0.944	0.305	0.302	0.289
xtr-mir-219	412	0.000	1.000	0.812	0.014	0.974	0.887	0.336	0.277	0.261
xtr-mir-22	412	0.068	1.000	0.967	0.055	0.974	0.951	0.685	0.250	0.262
xtr-mir-221	412	0.000	1.000	0.806	0.000	0.971	0.876	0.315	0.262	0.244
xtr-mir-222	572	0.000	1.000	0.942	0.055	0.965	0.886	0.174	0.365	0.326
xtr-mir-223	722	0.169	1.000	0.978	0.231	0.963	0.939	0.296	0.310	0.293
xtr-mir-23a-1	756	0.000	1.000	0.933	0.030	0.974	0.900	0.386	0.282	0.270
xtr-mir-23a-2	446	0.509	1.000	0.988	0.540	0.954	0.945	0.693	0.225	0.237
xtr-mir-23b	428	0.217	0.999	0.928	0.277	0.950	0.913	0.615	0.235	0.241
xtr-mir-24a	658	0.237	1.000	0.988	0.035	0.977	0.942	0.147	0.303	0.274
xtr-mir-24b	530	0.081	1.000	0.967	0.002	0.971	0.892	0.164	0.275	0.245
xtr-mir-25-1	552	0.158	1.000	0.990	0.622	0.956	0.952	0.411	0.252	0.249
xtr-mir-25-2	552	0.158	1.000	0.990	0.622	0.956	0.952	0.411	0.252	0.249
xtr-mir-26-1	452	0.000	1.000	0.987	0.325	0.974	0.959	0.829	0.259	0.280
xtr-mir-26-2	746	0.194	1.000	0.982	0.250	0.968	0.937	0.734	0.267	0.284
xtr-mir-27a	486	0.607	1.000	0.985	0.568	0.948	0.938	0.644	0.250	0.258

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
xtr-mir-27b	678	0.350	1.000	0.990	0.404	0.971	0.965	0.644	0.278	0.284
xtr-mir-27c-1	552	0.473	0.998	0.950	0.285	0.951	0.910	0.529	0.260	0.261
xtr-mir-27c-2	552	0.473	0.998	0.950	0.285	0.951	0.910	0.529	0.260	0.261
xtr-mir-29a	718	0.111	1.000	0.986	0.275	0.969	0.951	0.495	0.287	0.288
xtr-mir-29b	566	0.088	1.000	0.956	0.054	0.969	0.925	0.517	0.254	0.254
xtr-mir-29c	468	0.036	1.000	0.915	0.084	0.970	0.927	0.346	0.278	0.266
xtr-mir-29d	596	0.000	1.000	0.999	0.295	0.970	0.961	0.279	0.307	0.290
xtr-mir-301-1	546	0.163	1.000	0.931	0.241	0.948	0.901	0.425	0.238	0.232
xtr-mir-301-2	426	0.376	0.999	0.962	0.416	0.927	0.901	0.475	0.251	0.251
xtr-mir-302	530	0.342	1.000	0.973	0.520	0.939	0.918	0.998	0.198	0.304
xtr-mir-30a	426	0.519	1.000	0.987	0.173	0.974	0.953	0.173	0.282	0.262
xtr-mir-30b	486	0.000	1.000	0.986	0.348	0.970	0.953	0.854	0.283	0.312
xtr-mir-30c-1	428	0.000	1.000	0.950	0.037	0.971	0.922	0.220	0.281	0.262
xtr-mir-30c-2	756	0.468	0.999	0.950	0.120	0.962	0.905	0.123	0.342	0.308
xtr-mir-30d	446	0.334	1.000	0.980	0.251	0.966	0.937	0.717	0.235	0.250
xtr-mir-30e	418	0.153	1.000	0.993	0.290	0.970	0.960	0.769	0.248	0.264
xtr-mir-31	432	0.104	1.000	0.950	0.417	0.963	0.943	0.869	0.273	0.303
xtr-mir-338-1	756	0.000	1.000	0.985	0.347	0.962	0.939	0.572	0.239	0.243
xtr-mir-338-2	464	0.065	1.000	0.956	0.270	0.924	0.875	0.769	0.206	0.235
xtr-mir-33a	630	0.422	1.000	0.997	0.355	0.968	0.954	0.955	0.216	0.261
xtr-mir-33b	530	0.204	1.000	0.959	0.250	0.954	0.904	0.276	0.261	0.243
xtr-mir-34a	498	0.355	1.000	0.977	0.296	0.975	0.960	0.163	0.285	0.266
xtr-mir-34b-1	904	0.680	0.986	0.945	0.301	0.956	0.918	0.103	0.263	0.237
xtr-mir-34b-2	856	0.567	0.999	0.975	0.014	0.977	0.918	0.117	0.383	0.342
xtr-mir-34b-3	904	0.680	0.986	0.945	0.301	0.956	0.918	0.103	0.263	0.237
xtr-mir-34b-4	856	0.567	0.999	0.975	0.014	0.977	0.918	0.117	0.383	0.342
xtr-mir-363	542	0.164	1.000	0.975	0.435	0.965	0.950	0.833	0.253	0.276
xtr-mir-365-1	438	0.610	0.999	0.973	0.644	0.951	0.949	0.102	0.306	0.270
xtr-mir-367	558	0.145	1.000	0.964	0.079	0.964	0.923	0.842	0.206	0.232
xtr-mir-383	786	0.000	1.000	0.978	0.274	0.966	0.943	0.075	0.260	0.238
xtr-mir-425	706	0.000	1.000	0.967	0.098	0.961	0.907	0.176	0.273	0.243
xtr-mir-428	652	0.521	0.968	0.866	0.545	0.874	0.860	0.674	0.244	0.259
xtr-mir-429	438	0.078	1.000	0.988	0.171	0.972	0.953	0.106	0.253	0.231
xtr-mir-449	441	0.134	1.000	0.904	0.032	0.971	0.902	0.464	0.257	0.252
xtr-mir-451	478	0.000	1.000	0.994	0.162	0.973	0.952	0.970	0.231	0.271
xtr-mir-455	438	0.470	0.999	0.961	0.418	0.958	0.933	0.750	0.249	0.264
xtr-mir-489	446	0.000	1.000	0.997	0.081	0.976	0.960	0.837	0.194	0.211
xtr-mir-499	438	0.317	1.000	0.988	0.533	0.970	0.962	0.756	0.272	0.293
xtr-mir-7-1	430	0.507	0.999	0.958	0.456	0.968	0.958	0.359	0.269	0.260

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
xtr-mir-7-2	460	0.680	0.695	0.749	0.334	0.929	0.879	0.732	0.207	0.224
xtr-mir-7-3	432	0.275	1.000	0.957	0.200	0.969	0.938	0.568	0.265	0.267
xtr-mir-9-3	486	0.000	1.000	0.998	0.716	0.965	0.968	0.868	0.259	0.282
xtr-mir-92a-1	476	0.916	1.000	0.998	0.953	0.952	0.973	0.693	0.269	0.276
xtr-mir-92a-2	526	0.023	1.000	0.872	0.037	0.960	0.850	0.215	0.288	0.252
xtr-mir-92b	426	0.000	1.000	0.950	0.040	0.971	0.907	0.592	0.247	0.252
xtr-mir-93a	556	0.000	1.000	0.995	0.571	0.961	0.959	0.186	0.288	0.272
xtr-mir-93b	572	0.000	1.000	0.998	0.515	0.960	0.956	0.122	0.349	0.322
xtr-mir-96	406	0.000	1.000	0.971	0.019	0.979	0.943	0.347	0.298	0.288
xtr-mir-98	430	0.088	1.000	0.932	0.049	0.973	0.949	0.061	0.330	0.286
xtr-mir-99	436	0.000	1.000	0.963	0.035	0.975	0.921	0.308	0.282	0.268
xtr-mir-9a-1	432	0.285	1.000	0.996	0.368	0.973	0.965	0.250	0.292	0.280
xtr-mir-9a-2	732	0.392	1.000	0.995	0.388	0.972	0.964	0.843	0.259	0.282
xtr-mir-9b	416	0.296	1.000	0.977	0.275	0.966	0.936	0.714	0.275	0.286
zma-MIR156a	40	0.475	0.833	0.810	0.050	0.975	0.958	0.225	0.229	0.217
zma-MIR156b	700	0.427	0.999	0.973	0.304	0.978	0.970	0.069	0.269	0.248
zma-MIR156c	400	0.792	0.863	0.913	0.318	0.970	0.960	0.390	0.230	0.225
zma-MIR156d	400	0.325	0.999	0.959	0.210	0.976	0.958	0.412	0.261	0.256
zma-MIR156e	400	0.968	0.687	0.937	0.635	0.953	0.954	0.863	0.206	0.226
zma-MIR156f	290	0.224	0.886	0.679	0.293	0.951	0.934	0.548	0.184	0.188
zma-MIR156g	490	1.000	0.206	0.935	0.804	0.929	0.950	0.922	0.196	0.240
zma-MIR156h	400	0.810	0.994	0.989	0.838	0.964	0.972	0.892	0.223	0.240
zma-MIR156i	310	0.210	0.997	0.925	0.145	0.967	0.942	0.242	0.259	0.244
zma-MIR156j	510	0.047	1.000	0.931	0.012	0.985	0.959	0.053	0.253	0.230
zma-MIR156k	490	0.329	0.998	0.954	0.337	0.971	0.961	0.665	0.225	0.232
zma-MIR159a	340	0.000	0.659	0.630	0.000	0.976	0.935	0.000	0.248	0.000
zma-MIR159b	480	0.304	0.927	0.796	0.106	0.983	0.952	0.421	0.231	0.227
zma-MIR159c	490	0.884	0.473	0.762	0.582	0.971	0.966	0.553	0.233	0.235
zma-MIR159d	310	0.174	0.886	0.654	0.039	0.983	0.957	0.223	0.237	0.221
zma-MIR160a	490	0.731	0.988	0.976	0.671	0.960	0.963	0.463	0.265	0.263
zma-MIR160b	390	0.000	0.978	0.969	0.000	0.944	0.943	0.000	0.240	0.000
zma-MIR160c	210	0.300	1.000	0.969	0.557	0.950	0.942	0.471	0.270	0.264
zma-MIR160d	510	0.333	0.990	0.901	0.225	0.976	0.957	0.400	0.256	0.250
zma-MIR160e	412	0.000	1.000	0.977	0.075	0.979	0.958	0.382	0.277	0.272
zma-MIR160f	510	0.775	0.996	0.989	0.624	0.974	0.973	0.196	0.279	0.265
zma-MIR162	400	1.000	0.152	0.534	0.000	0.826	0.657	0.000	0.151	0.000
zma-MIR164a	200	0.785	0.686	0.814	0.255	0.967	0.954	0.160	0.293	0.263
zma-MIR164b	700	0.677	0.990	0.963	0.387	0.975	0.968	0.190	0.263	0.247
zma-MIR164c	610	0.180	0.888	0.592	0.457	0.960	0.949	0.411	0.227	0.220

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
zma-MIR164d	130	0.100	0.992	0.852	0.000	0.994	0.969	0.000	0.297	0.258
zma-MIR166a	490	0.012	0.970	0.594	0.031	0.979	0.937	0.004	0.421	0.287
zma-MIR166b	400	0.018	1.000	0.978	0.152	0.972	0.954	0.598	0.238	0.246
zma-MIR166c	412	0.347	0.993	0.860	0.313	0.951	0.917	0.753	0.239	0.260
zma-MIR166d	360	0.428	0.932	0.814	0.382	0.936	0.913	0.691	0.244	0.265
zma-MIR166e	462	0.022	1.000	0.883	0.024	0.970	0.913	0.218	0.284	0.259
zma-MIR166f	576	0.740	0.981	0.959	0.451	0.930	0.913	0.732	0.197	0.214
zma-MIR166g	410	0.988	0.276	0.876	0.524	0.944	0.940	0.354	0.267	0.256
zma-MIR166h	676	0.320	1.000	0.973	0.381	0.948	0.927	0.594	0.237	0.243
zma-MIR166i	446	0.000	1.000	0.979	0.052	0.975	0.943	0.819	0.217	0.239
zma-MIR166j	280	0.779	0.691	0.820	0.782	0.947	0.956	0.911	0.229	0.268
zma-MIR166k	100	0.170	0.882	0.682	0.010	0.978	0.950	0.170	0.269	0.245
zma-MIR166l	510	0.594	0.938	0.898	0.463	0.949	0.948	0.441	0.268	0.205
zma-MIR166m	510	0.222	0.876	0.623	0.102	0.955	0.892	0.563	0.235	0.233
zma-MIR167a	400	0.500	0.914	0.848	0.307	0.976	0.964	0.102	0.261	0.238
zma-MIR167b	590	0.698	0.916	0.922	0.369	0.966	0.960	0.219	0.241	0.225
zma-MIR167c	490	0.055	1.000	0.976	0.098	0.985	0.974	0.665	0.245	0.253
zma-MIR167d	520	0.000	1.000	0.970	0.023	0.987	0.972	0.210	0.291	0.277
zma-MIR167e	290	0.000	1.000	0.988	0.148	0.978	0.966	0.497	0.249	0.252
zma-MIR167f	490	0.092	1.000	0.977	0.155	0.981	0.969	0.516	0.232	0.234
zma-MIR167g	510	0.529	0.496	0.535	0.371	0.967	0.902	0.182	0.241	0.150
zma-MIR167h	490	0.433	0.983	0.910	0.722	0.951	0.960	0.747	0.228	0.239
zma-MIR167i	410	0.232	1.000	0.969	0.188	0.982	0.971	0.454	0.279	0.276
zma-MIR168a	360	0.394	0.995	0.920	0.583	0.951	0.943	0.446	0.272	0.270
zma-MIR168b	360	0.056	1.000	0.945	0.071	0.979	0.957	0.432	0.266	0.263
zma-MIR169a	380	0.782	0.848	0.907	0.903	0.936	0.959	0.711	0.244	0.258
zma-MIR169b	700	0.359	0.990	0.895	0.397	0.970	0.959	0.287	0.269	0.253
zma-MIR169c	770	1.000	0.993	0.995	0.000	0.968	0.954	0.000	0.254	0.000
zma-MIR169d	490	0.269	0.979	0.834	0.141	0.966	0.939	0.135	0.253	0.221
zma-MIR169e	700	0.070	0.999	0.899	0.024	0.976	0.939	0.026	0.310	0.250
zma-MIR169f	490	0.398	0.961	0.888	0.316	0.969	0.958	0.063	0.280	0.239
zma-MIR169g	410	0.344	0.931	0.780	0.283	0.956	0.918	0.061	0.243	0.203
zma-MIR169h	490	0.996	0.229	0.929	0.669	0.956	0.954	0.618	0.237	0.242
zma-MIR169i	700	0.499	0.652	0.619	0.090	0.960	0.908	0.304	0.171	0.158
zma-MIR169j	510	0.588	0.821	0.796	0.192	0.968	0.944	0.255	0.241	0.222
zma-MIR169k	410	0.573	0.990	0.942	0.578	0.967	0.963	0.863	0.226	0.247
zma-MIR171a	510	0.531	0.963	0.897	0.469	0.945	0.940	0.661	0.242	0.255
zma-MIR171b	452	0.670	1.000	0.986	0.832	0.946	0.958	0.852	0.208	0.235
zma-MIR171c	510	1.000	0.982	0.989	0.000	0.953	0.925	0.000	0.288	0.000

Continued on next page

Table 5:
Rankscore r, stem-loop robustness η and average robustness $\langle\eta\rangle$ among N sample sequnces according to different measures

ID	N	$r_t(25)$	$\eta_t(25)$	$\langle\eta_t(25)'\rangle$	r_s	η_s	$\langle\eta_s'\rangle$	r_n	η_n	$\langle\eta_n'\rangle$
zma-MIR171d	490	0.092	1.000	0.957	0.163	0.974	0.957	0.561	0.248	0.253
zma-MIR171e	360	0.561	0.978	0.924	0.197	0.977	0.964	0.442	0.246	0.243
zma-MIR171f	410	0.802	0.384	0.640	0.810	0.916	0.935	0.644	0.239	0.251
zma-MIR171g	770	0.243	1.000	0.985	0.136	0.977	0.965	0.110	0.250	0.224
zma-MIR171h	400	0.920	0.886	0.970	0.953	0.942	0.969	0.990	0.207	0.252
zma-MIR171i	360	0.358	0.999	0.956	0.558	0.963	0.961	0.699	0.256	0.270
zma-MIR171j	410	0.161	1.000	0.961	0.120	0.980	0.967	0.356	0.240	0.236
zma-MIR171k	360	0.903	0.956	0.979	0.853	0.955	0.966	0.703	0.237	0.246
zma-MIR172a	400	0.372	1.000	0.970	0.177	0.970	0.944	0.007	0.297	0.249
zma-MIR172b	400	0.932	0.655	0.920	0.902	0.876	0.935	0.122	0.262	0.233
zma-MIR172c	490	0.012	1.000	0.814	0.047	0.969	0.912	0.110	0.266	0.232
zma-MIR172d	596	0.191	1.000	0.988	0.180	0.952	0.928	0.180	0.203	0.183
zma-MIR172e	700	1.000	0.165	0.236	0.000	0.927	0.809	0.000	0.236	0.000
zma-MIR319a	490	0.476	0.965	0.919	0.447	0.985	0.981	0.920	0.230	0.260
zma-MIR319b	490	0.361	0.835	0.692	0.108	0.978	0.956	0.353	0.228	0.221
zma-MIR319c	184	0.255	0.969	0.853	0.000	0.994	0.982	0.217	0.271	0.257
zma-MIR319d	410	0.012	0.995	0.675	0.002	0.986	0.953	0.180	0.256	0.234
zma-MIR393	400	0.652	0.829	0.848	0.562	0.951	0.951	0.530	0.190	0.193
zma-MIR394a	410	0.254	0.995	0.930	0.112	0.969	0.935	0.254	0.272	0.251
zma-MIR394b	410	0.820	0.861	0.927	0.461	0.956	0.940	0.654	0.224	0.235
zma-MIR395a	490	0.576	0.971	0.925	0.141	0.980	0.963	0.276	0.275	0.262
zma-MIR395b	700	0.000	1.000	0.993	0.063	0.985	0.976	0.131	0.313	0.286
zma-MIR395c	400	0.223	0.996	0.935	0.367	0.967	0.955	0.713	0.244	0.254
zma-MIR396a	400	0.290	0.967	0.800	0.438	0.949	0.942	0.193	0.260	0.235
zma-MIR396b	100	0.330	0.994	0.911	0.040	0.983	0.966	0.310	0.271	0.262
zma-MIR399a	480	0.175	0.999	0.917	0.056	0.979	0.950	0.310	0.290	0.277
zma-MIR399b	380	0.529	0.973	0.904	0.329	0.961	0.928	0.316	0.276	0.263
zma-MIR399c	400	0.270	0.528	0.455	0.060	0.948	0.923	0.048	0.250	0.117
zma-MIR399d	670	0.667	0.783	0.808	0.328	0.945	0.902	0.569	0.224	0.226
zma-MIR399e	400	0.122	0.999	0.912	0.048	0.976	0.936	0.085	0.315	0.277
zma-MIR399f	460	0.593	0.996	0.965	0.344	0.971	0.955	0.914	0.257	0.291
zma-MIR408	700	0.126	0.702	0.421	0.013	0.963	0.883	0.014	0.274	0.206