Table S7. Nucleotide conservation analysis for the 28 new validated sRNAs, searching against 65 Mycobacterium spp. Genomes (Listed in Table S2)

#	sRNA \ Strains	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	Y_ncRv2656A	0	0.96	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	Y_ncRv2111A	1	1	1	1	1	1	0.96	0.96	1	0.96	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	Y_ncRv1162Bc	1	1	1	1	1	1	1	1	0.98	0.96	0.96	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	Y_ncRv3303A	1	1	1	1	1	1	1	1	1	1	0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	Y_ncRv11144Ac	1	1	1	1	1	1	1	1	1	0.95	0.97	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Y_ncRv11133Ac	1	1	1	1	1	1	0.99	0.99	0.99	0.99	0.99	1	1	1	1	1	1	1	0.99	1	1	1	1	1	1
7	Y_ncRv1472Ac	1	1	1	1	1	1	1	1	0.98	0.98	0.81	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	Y_ncRv0101Ac	1	1	1	1	1	1	1	1	0.98	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	Y_ncRv10699A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	0.99	1	1	1	1	1
10	Y_ncRv13241B	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	1	0.98	0.98	1	1	1	1	1
11	Y_ncRv1734C	1	1	1	1	1	1	1	1	0	0.98	0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	Y_ncRv11033A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	Y_ncRv11821Ac	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	Y_ncRv10650Bc	1	1	1	1	1	1	1	1	1	0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	Y_ncRv10070Ac	1	1	1	1	1	1	1	1	0.99	1	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	Y_ncRv10572Ac	1	1	1	1	1	1	1	1	1	0.82	0.88	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	Y_ncRv11179Ac	1	1	1	1	0.96	1	1	1	1	1	1	1	1	1	1	1	0.98	1	1	1	1	1	1	1	1
18	Y_ncRv12442Ac	1	1	1	1	1	1	1	1	1	0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	Y_ncRv0189A	1	1	1	1	1	1	0.98	0.98	0.98	0.98	0.98	0.98	1	1	1	1	0.98	1	1	1	1	1	1	1	1
20	Y_ncRv13487Bc	1	1	0.99	0.99	0.99	0.99	0.98	0.98	1	0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	Y_ncRv0761A	1	1	1	1	1	1	1	1	1	0.97	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	Y_ncRv1322AA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	Y_ncRv12920A	1	1	1	1	1	1	0.96	0.96	1	1	0.98	1	0.94	1	1	1	1	1	1	1	1	1	1	1	1
24	Y_ncRv0501Ac	1	1	0.99	0.99	0.99	0.99	1	1	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	Y_ncRv0356A	1	1	1	1	1	1	0.91	0.91	0.91	0.91	0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	Y_ncRv1253Ac	1	1	1	1	1	1	0.99	0.99	0.99	0.93	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Y_ncRv0267Ac	0.86	1	1	1	1	1	1	1	1	1	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	Y_ncRv1633Bc	1	1	0.98	0.98	0.98	0.98	1	1	0.96	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

#	sRNA	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
1	Y_ncRv2656A	1	1	1	0.98	1	1	1	0.98	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Y_ncRv2111A	1	1	1	1	1	1	1	0.95	1	0	0	0.95	0	0	0.93	0	0.81	0	0	0	0	0	0	0
3	Y_ncRv1162Bc	1	1	1	1	1	1	1	0.99	1	0	0	0	0	0	0	0	0	0	0	0	0	0.86	0	0
4	Y_ncRv3303A	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0.86	0	0	0.86	0	0	0
5	Y_ncRv11144Ac	1	1	0.82	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.74	0	0
6	Y_ncRv11133Ac	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Y_ncRv1472Ac	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Y_ncRv0101Ac	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Y_ncRv10699A	1	1	1	0.99	1	1	1	1	1	0	0	0.81	0	0	0	0	0	0	0	0	0	0	0	0
10	Y_ncRv13241B	1	1	1	0.98	0.98	0.98	0.98	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Y_ncRv1734C	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Y_ncRv11033A	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.96	0	0
13	Y_ncRv11821Ac	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Y_ncRv10650Bc	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Y_ncRv10070Ac	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Y_ncRv10572Ac	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Y_ncRv11179Ac	1	1	1	1	1	1	1	0.93	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Y_ncRv12442Ac	1	1	1	1	1	1	1	0.95	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Y_ncRv0189A	1	1	1	1	1	0.98	0.98	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Y_ncRv13487Bc	1	1	1	1	1	1	1	0.99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Y_ncRv0761A	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Y_ncRv1322AA	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Y_ncRv12920A	1	1	1	0.96	1	1	1	1	1	0	0	0.69	0.81	0.8	0	0	0	0.85	0.87	0.89	0.85	0.93	0	0
24	Y_ncRv0501Ac	1	1	1	1	1	1	1	1	1	0	0	0.79	0.79	0.79	0	0	0	0.8	0.8	0.8	0.8	0	0.8	0.8
25	Y_ncRv0356A	1	1	1	1	1	1	1	1	1	0	0	0.66	0.78	0.78	0	0	0	0	0	0	0	0	0.58	0
26	Y_ncRv1253Ac	1	1	1	1	1	1	1	1	1	0	0	0.87	0.87	0.87	0	0	0	0	0	0	0	0	0	0
27	Y_ncRv0267Ac	1	1	1	1	1	1	1	1	1	0	0	0.89	0.89	0.89	0.65	0	0.89	0.79	0	0	0.79	0	0	0
28	Y_ncRv1633Bc	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0.73	0.73	0.82	0	0	0.82	0.95	0	0

#	sRNA \ Strains	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
1	Y_ncRv2656A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Y_ncRv2111A	0	0	0	0.75	0.81	0.91	0.82	0	0	0.93	0.93	0.93	0	0.89	0.81	0.74
3	Y_ncRv1162Bc	0	0	0	0	0	0	0.73	0.73	0.8	0.75	0	0	0	0	0.65	0
4	Y_ncRv3303A	0	0	0	0	0	0	0	0	0	0	0	0	0.86	0	0	0.86
5	Y_ncRv11144Ac	0.72	0.67	0	0	0	0	0	0	0	0	0	0	0	0.73	0	0
6	Y_ncRv11133Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Y_ncRv1472Ac	0.74	0.74	0	0	0	0	0	0	0	0	0	0	0	0.74	0	0
8	Y_ncRv0101Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Y_ncRv10699A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Y_ncRv13241B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Y_ncRv1734C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Y_ncRv11033A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Y_ncRv11821Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8
14	Y_ncRv10650Bc	0	0	0	0	0	0	0	0	0.76	0	0	0	0	0	0	0
15	Y_ncRv10070Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Y_ncRv10572Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Y_ncRv11179Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Y_ncRv12442Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Y_ncRv0189A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Y_ncRv13487Bc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Y_ncRv0761A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Y_ncRv1322AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Y_ncRv12920A	0.83	0.83	0	0	0	0	0	0	0.78	0	0	0	0.87	0	0	0.87
24	Y_ncRv0501Ac	0	0	0	0	0.66	0	0	0	0.7	0	0	0	0.8	0	0	0.8
25	Y_ncRv0356A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Y_ncRv1253Ac	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0	0	0
27	Y_ncRv0267Ac	0.74	0	0	0	0	0	0	0	0	0	0	0	0.79	0.73	0.86	0
28	Y_ncRv1633Bc	0	0	0	0	0	0	0	0	0.67	0	0	0	0	0	0	0