

Table S2. Identification of potential candidate target genes of miR-3662 by a combined RNA-seq and Targetscan data

Symbol	GeneID	Scr-1_FPKM	Scr-2_FPKM	KO-1_FPKM	KO-2_FPKM	Length	log2Ratio(Group3662/Control)	q-value(Storey et al. 2003)	p-value	R value
ACADSB	36	2.59	2.14	5.05	4.9	5941	1.071304785	5.96917E-66	1.31342E-66	-0.122
ADHFE1	137872	0.22	0.22	0.35	0.7	1907	1.217887365	0.000486421	0.000550809	-0.164
ALDH3A2	224	10.98	14.17	36.81	26.82	3715	1.33756377	0	0	-0.044
ARHGEF6	9459	0.11	0.16	0.94	0.75	4820	2.66562365	3.45445E-33	1.33704E-33	-0.005
C18orf32	497661	4.71	5.91	10.61	13.68	1568	1.182922243	2.30617E-48	6.59638E-49	-0.017
CSRNP3	80034	0.08	0.05	0.18	0.11	11788	1.136138175	1.14176E-05	1.13156E-05	-0.17
DNAJC10	54431	12.46	8.17	19.66	24.1	5946	1.090295322	4.2513E-295	1.926E-296	0.021
HBP1	26959	2.97	4.66	8.35	9.71	2791	1.239189376	6.848E-70	1.43216E-70	-0.167
IL6	3569	0.33	0.46	1.07	1.04	1172	1.326821737	5.90712E-05	6.1748E-05	0.005
IMPACT	55364	4.88	4.48	8.98	9.88	3764	1.006447433	8.8985E-71	1.83376E-71	-0.087
KLRC2	3822	0.03	0.55	1.13	0.61	1223	1.569315364	1.93909E-05	1.95501E-05	0.044
LEPROT	54741	11.18	13	21.33	27.54	3576	1.077883708	1.5543E-210	1.0373E-211	-0.167
LOX	4015	4.24	2.83	6.38	8.46	5332	1.049376078	4.81521E-83	8.64942E-84	-0.074
MAP2K6	5608	0.11	0.25	1.14	1.03	4050	2.194623308	4.19315E-26	1.91561E-26	-0.014
MBNL3	55796	0.48	0.35	1.31	1.39	11284	1.713301625	1.35156E-70	2.78853E-71	-0.012
MGST3	4259	14.32	16.48	44.05	49.75	1527	1.598638486	3.1303E-279	1.4871E-280	0.044
RAB27B	5874	0.2	0.19	3.51	3.21	6769	4.157540652	2.9281E-267	1.4843E-268	-0.159
RAB3B	5865	0.03	0.04	0.07	0.14	12844	1.622960386	5.81412E-07	5.29163E-07	0.003
RORA	6095	0.65	0.42	1.1	1.55	10696	1.311655289	1.18138E-44	3.59755E-45	-0.091
SH3TC2	79628	0.52	0.57	1.2	1.04	26588	1.036904037	5.69695E-64	1.29328E-64	0.011
SLC30A4	7782	1.62	1.86	2.9	2.84	4420	1.002679221	1.12317E-25	5.18338E-26	-0.085
SLC5A3	6526	2.78	2.33	7.48	5.87	11623	1.383856825	7.7145E-257	4.1373E-258	-0.011
TMEM106B	54664	2.33	1.67	4.14	4.48	6320	1.107431804	2.07435E-64	4.67603E-65	-0.15
TMEM135	65084	1.75	1.35	3.27	3.67	9086	1.163030978	1.55646E-80	2.86062E-81	-0.072
TP53INP1	94241	0.19	0.22	1.21	0.93	5635	2.396084399	2.62592E-43	8.2119E-44	-0.083
ZBTB20	26137	0.14	0.11	0.35	0.29	26201	1.304203434	1.43302E-26	6.4782E-27	-0.103