

Table S2. Univariate Cox analysis results of ferroptosis-related lncRNAs based on survival length.

gene	KM	B	SE	HR	HR.9	HR.9	pvalue
AC007566.1	0.0165	-0.00892	0.0042	0.991	0.982	0.999	0.0378
MCF2L-AS1	0.0179	-0.00206	0.0007	0.997	0.996	0.999	0.0051
AC006557.1	1.82E-	-0.02659	0.0111	0.973	0.952	0.995	0.0168
ITPR1-DT	0.0023	-0.0198	0.0059	0.980	0.969	0.991	0.0008
AL158071.2	0.0015	-0.02718	0.0092	0.973	0.955	0.990	0.0031
AC103760.1	0.0035	-0.00934	0.0031	0.990	0.984	0.996	0.0030
AC096586.2	0.0003	-0.0336	0.0108	0.966	0.946	0.987	0.0019
IQCH-AS1	0.0060	-0.00111	0.0004	0.998	0.998	0.999	0.0115
PRKCZ-AS1	0.0145	-0.00207	0.0009	0.997	0.995	0.999	0.0360
AL591895.1	0.0038	-0.00179	0.0006	0.998	0.996	0.999	0.0041

AL356740.1	0.0248	-0.007	0.0020	0.993	0.988	0.997	0.0008
SNHG15	0.0091	-0.00041	0.0001	0.999	0.999	0.999	0.0026
AC010976.1	0.0083	-0.0055	0.0024	0.994	0.989	0.999	0.0245
LINC02325	0.0179	-0.06765	0.0329	0.934	0.876	0.997	0.0403
AL109811.1	0.0058	-0.02929	0.0096	0.971	0.952	0.989	0.0023
AL049780.1	0.0068	-0.04035	0.0184	0.960	0.926	0.995	0.0286
AC232271.1	0.0007	-0.00337	0.0012	0.996	0.994	0.999	0.0081
AC074117.1	0.0024	-0.00133	0.0004	0.998	0.997	0.999	0.0013
AC020765.2	4.23E-	-0.01177	0.0039	0.988	0.980	0.995	0.0029
AC145285.6	0.0012	-0.01217	0.0041	0.987	0.979	0.996	0.0034
AL133410.1	6.39E-	-0.01361	0.0035	0.986	0.979	0.993	0.0001

PRMT5-AS1	0.0130	-0.01939	0.0083	0.980	0.964	0.996	0.0198
AL390719.2	0.0002	-0.00057	0.0002	0.999	0.998	0.999	0.0222
AL133551.1	0.0077	-0.03077	0.0130	0.969	0.945	0.994	0.0185
AC092287.1	0.0268	-0.02008	0.0088	0.980	0.963	0.997	0.0238
FOXC2-AS1	0.0001	0.012059	0.0046	1.012	1.002	1.021	0.0099
AL357140.2	0.0035	-0.03439	0.0133	0.966	0.941	0.991	0.0097
AC090186.1	0.0157	-0.07326	0.0293	0.929	0.877	0.984	0.0125
THAP9-AS1	0.0021	-0.00037	0.0001	0.999	0.999	0.999	0.0010
AL023284.4	0.0104	-0.00185	0.0007	0.998	0.996	0.999	0.0106
AL583856.2	0.0044	-0.04896	0.0142	0.952	0.926	0.979	0.0005
AC005954.1	0.0258	-0.11083	0.0433	0.895	0.822	0.974	0.0104

AC009779.2	0.0443	-0.00129	0.0005	0.998	0.997	0.999	0.0189
AC109347.1	0.0001	-0.00929	0.0030	0.990	0.984	0.996	0.0025
AC002398.1	0.0085	-0.00603	0.0022	0.993	0.989	0.998	0.0067
AL031775.1	6.97E-	-0.01065	0.0022	0.989	0.985	0.993	3.01E-
AC022762.2	0.0211	-0.00861	0.0039	0.991	0.983	0.999	0.0275
AC010618.2	0.0028	-0.03447	0.0103	0.966	0.946	0.985	0.0008
ZNF213-AS1	0.0001	-0.00142	0.0004	0.998	0.997	0.999	0.0012
N4BP2L2-IT2	0.0009	-0.00287	0.0010	0.997	0.994	0.999	0.0088
AC104532.2	0.0016	-0.02186	0.0059	0.978	0.967	0.989	0.0002
AL355490.2	0.0330	-0.08872	0.0313	0.915	0.860	0.973	0.0047
AL139089.1	0.0012	-0.00962	0.0025	0.990	0.985	0.995	0.0001

AC026333.4	0.0008	-0.01625	0.0068	0.983	0.970	0.997	0.0175
STX18-AS1	0.0058	-0.0052	0.0020	0.994	0.990	0.998	0.0094
PAXIP1-AS2	0.0067	-0.00201	0.0008	0.997	0.996	0.999	0.0159
AC096992.2	0.0278	-0.00398	0.0020	0.996	0.992	0.999	0.0485
AC015871.3	0.0122	-0.00269	0.0011	0.997	0.995	0.999	0.0196
AL096870.2	0.0367	-0.00751	0.0028	0.992	0.986	0.998	0.0089
AP001922.6	0.0437	-0.03327	0.0125	0.967	0.943	0.991	0.0081
AC108860.2	0.0291	-0.00138	0.0006	0.998	0.997	0.999	0.0244
AL008582.1	0.0028	-0.0348	0.0104	0.965	0.946	0.985	0.0008
AC092171.4	0.0009	-0.01002	0.0039	0.990	0.982	0.997	0.0116
AC006160.1	0.0006	-0.07495	0.0212	0.927	0.889	0.967	0.0004

AC005014.2	3.63E-	-0.03087	0.0087	0.969	0.953	0.986	0.0004
ARRDC1-AS1	0.0105	-0.00092	0.0003	0.999	0.998	0.999	0.0047
LINC01311	0.0003	-0.00547	0.0019	0.994	0.990	0.998	0.0044
C5orf56	0.0005	-0.00153	0.0005	0.998	0.997	0.999	0.0033
AC073655.2	0.0059	-0.01292	0.0043	0.987	0.978	0.995	0.0031
LINC00240	0.0139	-0.00417	0.0014	0.995	0.993	0.998	0.0038
AC018648.1	0.0231	-0.02469	0.0122	0.975	0.952	0.999	0.0438
AL121832.3	0.0113	-0.00376	0.0018	0.996	0.992	0.999	0.0457
AC011481.1	0.0292	-0.02192	0.0086	0.978	0.961	0.995	0.0112
RAD51-AS1	0.0070	-0.00197	0.0006	0.998	0.996	0.999	0.0036
AC009120.2	6.81E-	-0.00287	0.0007	0.997	0.995	0.998	5.61E-

SPINT1-AS1	0.0211	-0.00036	0.0001	0.999	0.999	0.999	0.0404
Z83847.1	0.0124	-0.06608	0.0284	0.936	0.885	0.989	0.0202
AC079174.2	0.0061	-0.01169	0.0034	0.988	0.981	0.995	0.0007
AC005261.1	0.0009	-0.00058	0.0001	0.999	0.999	0.999	6.90E-
AC113139.1	0.0099	-0.0931	0.0261	0.911	0.865	0.959	0.0003
AL512770.1	0.0156	-0.0063	0.0024	0.993	0.988	0.998	0.0111
IGBP1-AS1	0.0494	-0.03437	0.0114	0.966	0.944	0.988	0.0027
AC008870.2	0.0001	-0.00601	0.0026	0.994	0.988	0.999	0.0208
AC008969.1	0.0320	-0.00095	0.0004	0.999	0.998	0.999	0.0462
AC021016.2	0.0024	-0.00291	0.0010	0.997	0.995	0.999	0.0037
AL034550.1	0.0030	-0.01482	0.0058	0.985	0.974	0.996	0.0114

AC012360.3	0.0203	-0.00283	0.0011	0.997	0.994	0.999	0.0136
Z83851.2	0.0144	-0.00725	0.0027	0.992	0.987	0.998	0.0082
LINC00324	0.0123	-0.00257	0.0008	0.997	0.995	0.999	0.0015
AL035461.2	0.0015	-0.00382	0.0014	0.996	0.993	0.999	0.0098
AC083862.2	0.0033	-0.00947	0.0032	0.990	0.984	0.996	0.0038
TTC28-AS1	0.0021	-0.00108	0.0002	0.998	0.998	0.999	8.40E-
ZNF436-AS1	0.0002	-0.00152	0.0004	0.998	0.997	0.999	0.0011
AL355472.1	0.0338	-0.00576	0.0018	0.994	0.990	0.997	0.0017
AC107068.1	0.0016	-0.00176	0.0007	0.998	0.996	0.999	0.0148
AC087741.1	5.14E-	-0.00134	0.0003	0.998	0.997	0.999	0.0001
AC025682.1	0.0136	-0.01491	0.0056	0.985	0.974	0.996	0.0080

AC068338.3	0.0209	-0.01527	0.0057	0.984	0.973	0.995	0.0075
AL024508.2	0.0057	-0.00262	0.0008	0.997	0.995	0.999	0.0018
ZNF528-AS1	0.0115	-0.00081	0.0002	0.999	0.998	0.999	0.0013
AC007383.2	0.0473	-0.00318	0.0013	0.996	0.994	0.999	0.0182
AC012186.2	0.0212	-0.02574	0.0116	0.974	0.952	0.997	0.0275
AC007686.3	0.0016	-0.01205	0.0040	0.988	0.980	0.995	0.0031
AC106864.1	0.0006	-0.05703	0.0216	0.944	0.905	0.985	0.0083
AC011462.4	0.0124	-0.01219	0.0040	0.987	0.979	0.995	0.0028
APTR	0.0263	-0.00121	0.0004	0.998	0.997	0.999	0.0133
AC099778.1	0.0172	-0.0062	0.0024	0.993	0.988	0.998	0.0126
AL121944.1	0.0031	-0.00584	0.0019	0.994	0.990	0.997	0.0026

AC010761.4	0.0066	-0.01595	0.0062	0.984	0.972	0.996	0.0104
AL031186.1	0.0033	-0.01224	0.0052	0.987	0.977	0.998	0.0204
AL513320.1	0.0062	-0.01521	0.0049	0.984	0.975	0.994	0.0022
AC120053.1	1.42E-	-0.00667	0.0015	0.993	0.990	0.996	2.92E-
AC098484.2	0.0003	-0.03399	0.0117	0.966	0.944	0.989	0.0037
MAPKAPK5-AS1	0.0048	-0.0007	0.0002	0.999	0.998	0.999	0.0004
AC009061.2	0.0497	-0.00497	0.0022	0.995	0.990	0.999	0.0248
EAF1-AS1	0.0032	-0.03533	0.0129	0.965	0.941	0.990	0.0062
AC107884.1	0.0079	-0.00371	0.0015	0.996	0.993	0.999	0.0185
AL451050.2	0.0008	-0.00989	0.0039	0.990	0.982	0.997	0.0125
AC007406.5	0.0328	-0.00118	0.0004	0.998	0.997	0.999	0.0150

AC010973.2	0.0021	-0.00752	0.0025	0.992	0.987	0.997	0.0029
AC005726.3	0.0003	-0.00753	0.0024	0.992	0.987	0.997	0.0018
AC095057.3	0.0001	-0.00499	0.0021	0.995	0.990	0.999	0.0232
DICER1-AS1	0.0299	-0.00121	0.0005	0.998	0.997	0.999	0.0366
LINC01578	0.0013	-0.00023	8.51E-	0.999	0.999	0.999	0.0073
POC1B-AS1	0.0027	-0.00488	0.0016	0.995	0.991	0.998	0.0038
AC132872.3	0.0004	-0.0107	0.0030	0.989	0.983	0.995	0.0005
AP000873.4	0.0011	-0.02435	0.0071	0.975	0.962	0.989	0.0006
AC010201.2	0.0005	-0.01013	0.0033	0.989	0.983	0.996	0.0026
VASH1-AS1	0.0263	-0.00697	0.0033	0.993	0.986	0.999	0.0348
KRT7-AS	0.0005	-0.00039	0.0001	0.999	0.999	0.999	0.0005

AC018809.2	0.0219	-0.0041	0.0013	0.995	0.993	0.998	0.0019
ZNF32-AS1	0.0051	-0.03037	0.0088	0.970	0.953	0.987	0.0006
LINC00649	0.0019	-0.00048	0.0001	0.999	0.999	0.999	0.0098
AC022150.2	0.0001	-0.00559	0.0017	0.994	0.990	0.997	0.0015
AC124016.1	0.0004	-0.01642	0.0061	0.983	0.971	0.995	0.0076
AC024060.1	4.79E-	-0.00615	0.0012	0.993	0.991	0.996	2.09E-
SAMD12-AS1	0.0083	-0.01606	0.0049	0.984	0.974	0.993	0.0012
AC023908.3	0.0043	-0.00798	0.0031	0.992	0.986	0.998	0.0106
AL161452.1	0.0002	-0.02518	0.0067	0.975	0.962	0.988	0.0002
RAB11B-AS1	0.0172	-0.00211	0.0008	0.997	0.996	0.999	0.0085
BREA2	0.0021	-0.00697	0.0024	0.993	0.988	0.997	0.0041

LINC00612	0.0403	-0.02907	0.0147	0.971	0.943	0.999	0.0489
LINC00885	0.0445	-0.00056	0.0002	0.999	0.998	0.999	0.0311
MANEA-DT	0.0286	-0.01133	0.0040	0.988	0.980	0.996	0.0053
SEC24B-AS1	0.0012	-0.01549	0.0038	0.984	0.977	0.992	4.96E-
AC006213.4	0.0011	-0.01098	0.0045	0.989	0.980	0.997	0.0147
AC078883.1	0.0054	-0.00542	0.0020	0.994	0.990	0.998	0.0073
AC107214.2	0.0111	-0.01748	0.0078	0.982	0.967	0.997	0.0267
AL031667.3	0.0387	-0.01823	0.0065	0.981	0.969	0.994	0.0053
AC010503.4	0.0021	-0.0009	0.0002	0.999	0.998	0.999	0.0002
AC007038.2	0.0004	-0.01068	0.0029	0.989	0.983	0.995	0.0002
AC009812.1	0.0072	-0.00592	0.0018	0.994	0.990	0.997	0.0010

AC004466.3	0.0063	-0.02848	0.0117	0.971	0.949	0.994	0.0149
AL359921.1	0.0281	-0.01866	0.0087	0.981	0.964	0.998	0.0336
AC004253.1	0.0021	-0.01869	0.0061	0.981	0.969	0.993	0.0024
AL596202.1	0.0239	-0.00647	0.0024	0.993	0.988	0.998	0.0087
AC004656.1	0.0043	-0.00034	0.0001	0.999	0.999	0.999	0.0082
LINC02535	0.0315	-0.01292	0.0054	0.987	0.976	0.997	0.0181
AL512604.2	0.0083	-0.09268	0.0438	0.911	0.836	0.993	0.0346
SCAMP1-AS1	6.37E-	-0.00274	0.0006	0.997	0.995	0.998	3.65E-
AC093227.1	0.0311	-0.00452	0.0014	0.995	0.992	0.998	0.0016
AC233728.1	0.0230	-0.04551	0.0161	0.955	0.925	0.986	0.0049
AC127070.1	0.0158	-0.01276	0.0055	0.987	0.976	0.998	0.0207

AC002550.2	0.0263	-0.01427	0.0059	0.985	0.974	0.997	0.0163
AL355472.4	0.0017	-0.01437	0.0060	0.985	0.974	0.997	0.0182
AL359921.2	0.0082	-0.008	0.0025	0.992	0.987	0.996	0.0016
AC104564.3	6.29E-	-0.02886	0.0079	0.971	0.956	0.986	0.0003
AC011468.5	0.0005	-0.01191	0.0048	0.988	0.978	0.997	0.0145
AL022328.2	0.0001	-0.00737	0.0021	0.992	0.988	0.996	0.0007
PSMB8-AS1	0.0227	-0.00087	0.0002	0.999	0.998	0.999	0.0001
SEPSECS-AS1	0.0120	-0.00381	0.0015	0.996	0.993	0.999	0.0137
AC020911.1	0.0056	-0.06871	0.0218	0.933	0.894	0.974	0.0016
AC084824.3	0.0239	-0.0237	0.0098	0.976	0.957	0.995	0.0157
AL139289.1	0.0091	-0.01199	0.0042	0.988	0.979	0.996	0.0051

OGFR-AS1	0.0006	-0.04856	0.0141	0.952	0.926	0.979	0.0005
LINC01126	0.0455	-0.019	0.0074	0.981	0.966	0.995	0.0107
AC093726.2	0.0004	-0.02139	0.0059	0.978	0.967	0.990	0.0003
LINC00892	0.0029	-0.01637	0.0073	0.983	0.969	0.997	0.0253
AC002128.1	0.0027	-0.01141	0.0034	0.988	0.981	0.995	0.0011
AC024075.2	0.0099	-0.00185	0.0006	0.998	0.996	0.999	0.0030
INTS6-AS1	0.0099	-0.00277	0.0012	0.997	0.994	0.999	0.0318
AC090589.3	0.0096	-0.00845	0.0036	0.991	0.984	0.998	0.0209
AL031714.1	0.0007	-0.00172	0.0006	0.998	0.997	0.999	0.0052
AC025165.5	0.0011	-0.00652	0.0028	0.993	0.987	0.999	0.0243
AL357033.4	0.0148	-0.00247	0.0009	0.997	0.995	0.999	0.0112

AC009065.8	3.10E-	-0.01036	0.0028	0.989	0.984	0.995	0.0002
AC027601.1	0.0127	-0.00375	0.0015	0.996	0.993	0.999	0.0187
AC079684.1	0.0021	-0.01156	0.0051	0.988	0.978	0.998	0.0238
AC008764.6	0.0010	-0.00596	0.0021	0.994	0.989	0.998	0.0057
SRRM2-AS1	0.0477	-0.00419	0.0020	0.995	0.991	0.999	0.0441
ZFHX2-AS1	0.0120	-0.00672	0.0021	0.993	0.989	0.997	0.0021
AC105020.6	0.0194	-0.02616	0.0102	0.974	0.954	0.993	0.0107
LINC00893	0.0039	-0.00288	0.0010	0.997	0.995	0.999	0.0056
AC009133.1	0.0009	-0.00129	0.0005	0.998	0.997	0.999	0.0109
AC063948.1	0.0002	-0.02263	0.0073	0.977	0.963	0.991	0.0020
SLC25A5-AS1	0.0116	-0.0057	0.0023	0.994	0.989	0.998	0.0144

POLR2J4	0.0026	-0.00356	0.0010	0.996	0.994	0.998	0.0009
AF117829.1	0.0427	-0.00127	0.0004	0.998	0.997	0.999	0.0050
TMEM51-AS1	0.0199	-0.00088	0.0002	0.999	0.998	0.999	0.0004
LINC01871	0.0034	-0.00581	0.0019	0.994	0.990	0.998	0.0036
ZNF529-AS1	0.0263	-0.00228	0.0008	0.997	0.996	0.999	0.0051
AC092119.2	0.0010	-0.0068	0.0026	0.993	0.988	0.998	0.0105
LINC02598	0.0264	-0.00971	0.0036	0.990	0.983	0.997	0.0076
AC018809.1	0.0007	-0.02057	0.0060	0.979	0.968	0.991	0.0007
AC124045.1	0.0205	-0.00283	0.0011	0.997	0.995	0.999	0.0102
TRG-AS1	0.0031	-0.00455	0.0016	0.995	0.992	0.998	0.0060
AC097376.2	0.0090	-0.00156	0.0007	0.998	0.997	0.999	0.0309

C1RL-AS1	0.0090	-0.00172	0.0005	0.998	0.997	0.999	0.0021
AL355488.1	7.59E-	-0.00118	0.0004	0.998	0.997	0.999	0.0048
AL353622.1	0.0099	-0.00415	0.0011	0.995	0.993	0.998	0.0003
AC080112.1	0.0206	-0.00043	0.0001	0.999	0.999	0.999	0.0018
AC020931.1	0.0051	-0.04889	0.0143	0.952	0.925	0.979	0.0006
AC090425.2	0.0016	-0.03904	0.0122	0.961	0.938	0.984	0.0013
AL139123.1	0.0096	-0.02987	0.0103	0.970	0.951	0.990	0.0037
LINC00539	0.0008	-0.01584	0.0061	0.984	0.972	0.996	0.0103
AL121992.3	0.0120	-0.04925	0.0229	0.951	0.910	0.995	0.0316
AC010271.1	0.0369	-0.02202	0.0097	0.978	0.959	0.997	0.0245
AC011773.4	0.0036	-0.05116	0.0177	0.950	0.917	0.983	0.0039

TMEM161B-AS1	0.0058	-0.00186	0.0006	0.998	0.996	0.999	0.0022
AC003070.1	0.0006	-0.00284	0.0013	0.997	0.994	0.999	0.0305
AC022916.1	0.0190	-0.00386	0.0014	0.996	0.993	0.998	0.0059
AC040977.1	0.0313	-0.00636	0.0031	0.993	0.987	0.999	0.0417
MORF4L2-AS1	0.0042	-0.00974	0.0049	0.990	0.980	0.999	0.0499
AL021368.2	0.0025	-0.00792	0.003	0.992	0.986	0.997	0.0082
AC010538.1	0.0078	-0.03992	0.0187	0.960	0.926	0.996	0.0330
OSGEPL1-AS1	0.0119	-0.03271	0.0099	0.967	0.949	0.986	0.0010
LENG8-AS1	7.28E-	-0.00384	0.0011	0.996	0.993	0.998	0.0007
AC008764.8	0.0153	-0.01027	0.0033	0.989	0.983	0.996	0.0018
AL732314.6	0.0138	-0.03845	0.0156	0.962	0.933	0.992	0.0140

AC026765.2	0.0109	-0.00567	0.0025	0.994	0.989	0.999	0.0263
AC012615.1	0.0002	-0.00313	0.0009	0.996	0.994	0.998	0.0013
LINC02453	0.0326	-0.01143	0.0049	0.988	0.979	0.998	0.0212
AC011481.2	5.32E-	-0.05219	0.0187	0.949	0.914	0.984	0.0053
AC021078.1	0.0371	-0.00039	0.0001	0.999	0.999	0.999	0.0055
AC073575.2	0.0032	-0.02595	0.0076	0.974	0.959	0.989	0.0007
AC093726.1	0.0215	-0.00543	0.0015	0.994	0.991	0.997	0.0004
AC009107.2	0.0005	-0.03333	0.0119	0.967	0.944	0.990	0.0052
PDXDC2P- NPIP14 P	0.0052	-0.00092	0.0003	0.999	0.998	0.999	0.0037
AC018653.3	0.0033	-0.00496	0.0016	0.995	0.991	0.998	0.0028
AC006213.1	0.0411	-0.01453	0.0068	0.985	0.972	0.998	0.0345

AL606760.2	0.0012	-0.02773	0.0094	0.972	0.954	0.990	0.0034
AC008687.3	0.0268	-0.01066	0.0045	0.989	0.980	0.998	0.0197
SPAG5-AS1	0.0005	-0.00675	0.0019	0.993	0.989	0.997	0.0006
AC025165.4	6.42E-	-0.02884	0.0107	0.971	0.951	0.992	0.0071
AL162258.2	1.92E-	-0.01499	0.0038	0.985	0.977	0.992	8.60E-
AC093297.2	0.0040	-0.00133	0.0004	0.998	0.997	0.999	0.0013
IPO5P1	0.0004	-0.00064	0.0001	0.999	0.999	0.999	0.0004
PCBP1-AS1	0.0001	-0.00101	0.0003	0.998	0.998	0.999	0.0011
TMSB15B-AS1	0.0067	-0.0235	0.0081	0.976	0.961	0.992	0.0039
AL021707.3	0.0009	-0.01465	0.0049	0.985	0.975	0.995	0.0031
AL590428.1	0.0034	0.021443	0.0067	1.021	1.008	1.035	0.0014

AC008735.4	0.0201	-0.0184	0.0063	0.981	0.969	0.994	0.0040
AC017083.1	0.0137	-0.01388	0.0049	0.986	0.976	0.995	0.0051
AC012146.3	0.0356	-0.05149	0.0261	0.949	0.902	0.999	0.0485
AL928654.2	0.0081	-0.00362	0.0016	0.996	0.993	0.999	0.0287
AC020558.2	0.0415	-0.00885	0.0038	0.991	0.983	0.998	0.0204
AL133243.3	0.0152	-0.00742	0.003	0.992	0.986	0.998	0.0134
ZNF252P-AS1	0.0051	-0.0123	0.0042	0.987	0.979	0.996	0.0036
AP002748.3	0.0056	-0.00158	0.0006	0.998	0.997	0.999	0.0200
GARS-DT	0.0432	-0.00051	0.0001	0.999	0.999	0.999	0.0039
AL392172.1	0.0427	-0.00176	0.0007	0.998	0.996	0.999	0.0162
AC124016.2	0.0019	-0.00763	0.0028	0.992	0.986	0.998	0.0080

AC023509.1	0.0050	-0.03886	0.0128	0.961	0.938	0.986	0.0024
PAXIP1-AS1	0.0106	-0.00074	0.0002	0.999	0.998	0.999	0.0037
AC092953.2	0.0213	-0.00622	0.0030	0.993	0.987	0.999	0.0391
LINC01934	0.0233	-0.02307	0.0096	0.977	0.958	0.995	0.0170
AC005332.3	0.0022	-0.00436	0.0014	0.995	0.992	0.998	0.0031
LINC00996	0.0364	-0.0077	0.0031	0.992	0.986	0.998	0.0132
AC109347.2	0.0143	-0.02539	0.0083	0.974	0.959	0.990	0.0022
AC016027.1	0.0002	-0.00825	0.0025	0.991	0.986	0.996	0.0014
AC006378.1	0.0029	-0.01863	0.0087	0.981	0.964	0.998	0.0324
AC020910.4	0.0001	-0.00752	0.0022	0.992	0.988	0.996	0.0009
AC008079.1	0.0001	-0.0066	0.0031	0.993	0.987	0.999	0.0373

AC009902.3	0.0063	-0.01249	0.0051	0.987	0.977	0.997	0.0147
AC004908.1	0.0199	-0.01538	0.0073	0.984	0.970	0.998	0.0353
AC040934.1	0.0171	-0.04498	0.0217	0.956	0.916	0.997	0.0387
PTOV1-AS2	4.37E-	-0.00321	0.0007	0.996	0.995	0.998	4.33E-
AP005482.3	0.0206	-0.00505	0.0024	0.994	0.990	0.999	0.0400
ZNF674-AS1	0.0025	-0.00231	0.0008	0.997	0.995	0.999	0.0095
LINC01534	0.0256	-0.00474	0.0022	0.995	0.990	0.999	0.0348
DM1-AS	0.0048	-0.00757	0.0030	0.992	0.986	0.998	0.0134
AC005519.1	0.0071	-0.0109	0.0039	0.989	0.981	0.996	0.0055
AL355297.4	0.0222	-0.02399	0.0114	0.976	0.954	0.998	0.0357
AC020915.2	0.0001	-0.01503	0.0066	0.985	0.972	0.997	0.0229

AL353622.2	0.0296	-0.07732	0.0310	0.925	0.870	0.983	0.0127
AC099811.3	0.0091	-0.05504	0.0213	0.946	0.907	0.986	0.0100
AL603832.1	0.0178	-0.02941	0.0118	0.971	0.948	0.993	0.0132
LINC00852	0.0007	-0.00658	0.0028	0.993	0.987	0.998	0.0201
AC009088.1	0.0156	-0.03233	0.0164	0.968	0.937	0.999	0.0487
AL109811.3	3.18E-	-0.00272	0.0011	0.997	0.995	0.999	0.0158
AF129075.1	6.99E-	-0.02418	0.0080	0.976	0.960	0.991	0.0026
AC010319.4	0.0018	-0.02626	0.0080	0.974	0.958	0.989	0.0011
AP000347.2	0.0010	-0.01519	0.0037	0.984	0.977	0.992	6.35E-
AL109811.2	0.0345	-0.00961	0.0042	0.990	0.982	0.998	0.0229
AC004076.2	2.24E-	-0.01115	0.0030	0.988	0.982	0.994	0.0003

SNHG12	0.0101	-0.0004	0.0001	0.999	0.999	0.999	0.0029
SH3BP5-AS1	8.71E-	-0.00075	0.0002	0.999	0.998	0.999	0.0050
ZKSCAN2-DT	9.96E-	-0.00349	0.0010	0.996	0.994	0.998	0.0006
AC008760.1	0.0003	-0.0084	0.0026	0.991	0.986	0.996	0.0015
MIR34AHG	0.0329	-0.03374	0.0136	0.966	0.941	0.993	0.0137
AC073335.2	0.0161	-0.00079	0.0002	0.999	0.998	0.999	0.0003
AC079148.1	0.0002	-0.02791	0.0080	0.972	0.957	0.987	0.0005
SNHG10	0.0080	-0.00139	0.0004	0.998	0.997	0.999	0.0052
STAG3L5P- PVRIG2P -PILRB	6.49E-	-0.00447	0.0009	0.995	0.993	0.997	2.94E-
LNCTAM34A	0.0424	-0.00192	0.0008	0.998	0.996	0.999	0.0302
CACTIN-AS1	0.0053	-0.02662	0.0089	0.973	0.956	0.991	0.0029

OCIAD1-AS1	2.92E-	-0.04539	0.0117	0.955	0.933	0.977	0.0001
AC006435.2	0.0076	-0.00416	0.0016	0.995	0.992	0.998	0.0095
AC012615.6	4.53E-	-0.00551	0.0018	0.994	0.990	0.998	0.0024
TMEM147-AS1	0.0030	-0.00068	0.0002	0.999	0.998	0.999	0.0024
AC127502.2	0.0408	-0.00178	0.0007	0.998	0.996	0.999	0.0109
AC026741.1	0.0052	-0.09012	0.0360	0.913	0.851	0.980	0.0123
AC006547.1	0.0096	-0.00307	0.0013	0.996	0.994	0.999	0.0187
AC090425.1	0.0027	-0.04403	0.0163	0.956	0.926	0.988	0.0069
AL033384.2	0.0027	-0.01894	0.0055	0.981	0.970	0.992	0.0006
AL135999.2	0.0199	-0.06206	0.0307	0.939	0.884	0.998	0.0433
AL136295.7	0.0008	-0.00257	0.0012	0.997	0.995	0.999	0.0390

AC084018.1	6.74E-	-0.00308	0.0013	0.996	0.994	0.999	0.0271
AL022311.1	0.0159	-0.00416	0.0011	0.995	0.993	0.998	0.0004
AC026979.3	0.0015	-0.0397	0.0118	0.961	0.939	0.983	0.0007
AL133520.1	0.0134	-0.00538	0.0024	0.994	0.989	0.999	0.0277
AC023632.2	2.22E-	-0.0155	0.0067	0.984	0.971	0.997	0.0209
MALINC1	0.0324	-0.0034	0.0015	0.996	0.993	0.999	0.0302
AC127024.5	0.0319	-0.00665	0.0031	0.993	0.987	0.999	0.0319
PPP1R26-AS1	0.0097	-0.00375	0.0011	0.996	0.994	0.998	0.0010
AL008729.1	0.0206	-0.01032	0.0031	0.989	0.983	0.995	0.0011
AL035563.1	0.0028	-0.00588	0.0021	0.994	0.990	0.998	0.0053
AP001412.1	0.0157	-0.03164	0.0099	0.968	0.950	0.987	0.0014

AC008105.1	0.0121	-0.00328	0.0013	0.996	0.994	0.999	0.0165
AC006504.8	0.0043	-0.00624	0.0028	0.993	0.988	0.999	0.0301
SNHG18	0.0193	-0.00012	4.65E-	0.999	0.999	0.999	0.0084
AC087276.2	0.0014	-0.03705	0.0179	0.963	0.930	0.998	0.0392
AC007066.2	0.0004	-0.00711	0.0021	0.992	0.988	0.997	0.0008
AC125257.1	0.0042	-0.00058	0.0002	0.999	0.998	0.999	0.0093
AL117336.3	0.0162	-0.00478	0.0021	0.995	0.991	0.999	0.0244
AC008494.3	0.0284	-0.02953	0.0127	0.970	0.947	0.995	0.0202
NFYC-AS1	0.0203	-0.00416	0.0020	0.995	0.991	0.999	0.0380
FAM13A-AS1	0.0001	-0.00269	0.0010	0.997	0.995	0.999	0.0084
CD27-AS1	0.0186	-0.00053	0.0001	0.999	0.999	0.999	0.0021

AC012170.2	0.0014	-0.01323	0.0056	0.986	0.975	0.997	0.0196
AC005387.2	0.0203	-0.04566	0.0133	0.955	0.930	0.980	0.0006
AP001347.1	0.0275	-0.00706	0.0027	0.992	0.987	0.998	0.0109
AC012617.1	0.0009	-0.01484	0.0053	0.985	0.975	0.995	0.0055
AC104986.2	0.0009	-0.00523	0.0022	0.994	0.990	0.999	0.0199
LINC01004	0.0005	-0.00407	0.0012	0.995	0.993	0.998	0.0009
AL353708.3	0.0076	-0.01173	0.0044	0.988	0.979	0.996	0.0076
AL513477.2	0.0002	-0.02469	0.0066	0.975	0.962	0.988	0.0002
AC011466.3	0.0132	-0.03673	0.0161	0.963	0.933	0.994	0.0231
AC135050.6	0.0159	-0.00092	0.0004	0.999	0.998	0.999	0.0337
AC011978.2	0.0022	-0.01031	0.0038	0.989	0.982	0.997	0.0067

PSMA3-AS1	6.42E-	-0.00044	0.0001	0.999	0.999	0.999	0.0001
ADNP-AS1	0.0132	-0.00429	0.0019	0.995	0.991	0.999	0.0309
AL683813.1	0.0099	-0.00343	0.0013	0.996	0.993	0.999	0.0116
AC018926.2	0.0001	-0.03092	0.0082	0.969	0.953	0.985	0.0001
TNRC6C-AS1	0.0374	-0.00052	0.0002	0.999	0.999	0.999	0.0095
AC108471.2	0.0254	-0.01677	0.0056	0.983	0.972	0.994	0.0032
AL157392.3	0.0327	-0.00068	0.0002	0.999	0.998	0.999	0.0121
AC010491.1	0.0020	-0.01174	0.0034	0.988	0.981	0.994	0.0005
OSER1-DT	0.0047	-0.00051	0.0002	0.999	0.999	0.999	0.0173
AL662797.1	0.0068	-0.0239	0.0075	0.976	0.962	0.990	0.0014
AD000671.3	0.0007	-0.09984	0.0244	0.904	0.862	0.949	4.29E-

Z69733.1	0.0222	-0.02342	0.0105	0.976	0.956	0.997	0.0257
CAPN10-DT	0.0155	-0.00399	0.0013	0.996	0.993	0.998	0.0031
THUMPD3-AS1	1.15E-	-0.00052	0.0001	0.999	0.999	0.999	0.0018
SEMA3F-AS1	0.0004	-0.00492	0.0017	0.995	0.991	0.998	0.0057
AC132192.2	0.0001	-0.00456	0.0019	0.995	0.991	0.999	0.0205
AC090260.1	0.0339	-0.03642	0.0182	0.964	0.930	0.999	0.0461
AC034236.2	0.0002	-0.00883	0.0021	0.991	0.987	0.995	3.54E-
AC026803.2	7.55E-	-0.02224	0.0071	0.978	0.964	0.991	0.0019
AC116913.1	0.0036	-0.00936	0.0031	0.990	0.984	0.996	0.0033
AC026362.1	0.0068	-0.01679	0.0043	0.983	0.974	0.991	0.0001
GEMIN7-AS1	0.0023	-0.01135	0.0038	0.988	0.981	0.996	0.0028

MAP3K14-AS1	0.0272	-0.00205	0.0007	0.997	0.996	0.999	0.0051
AL731569.1	0.0003	-0.00736	0.0024	0.992	0.987	0.997	0.0030
LINC00867	0.0091	0.004646	0.0022	1.004	1.000	1.009	0.0354
LINC00865	0.0197	-0.00082	0.0003	0.999	0.998	0.999	0.0124
PAN3-AS1	0.0069	-0.0066	0.0025	0.993	0.988	0.998	0.0100
RUSC1-AS1	0.0053	-0.00105	0.0004	0.998	0.998	0.999	0.0092
AC116914.2	9.37E-	-0.03483	0.0077	0.965	0.951	0.980	6.66E-
AL645940.1	0.0005	-0.01521	0.0062	0.984	0.973	0.996	0.0141
LINC00115	0.0073	-0.00989	0.0029	0.990	0.984	0.995	0.0008
ERVE-1	0.0027	-0.00049	0.0002	0.999	0.999	0.999	0.0313
AC106052.1	7.34E-	-0.09118	0.0266	0.912	0.866	0.961	0.0006

ARHGAP27P1- BPTFP1- KPNA2P3	0.0160	-0.00101	0.0003	0.998	0.998	0.999	0.0041
AC084824.4	0.0075	-0.00925	0.0030	0.990	0.984	0.996	0.0020
AC021851.1	0.0101	-0.02021	0.0063	0.979	0.967	0.992	0.0014
AC005332.5	0.0287	-0.00148	0.0005	0.998	0.997	0.999	0.0072
AC137767.1	0.0277	-0.00441	0.0015	0.995	0.992	0.998	0.0044
EHMT2-AS1	0.0003	-0.08645	0.0236	0.917	0.875	0.960	0.0002
SLC25A25-AS1	5.87E-	-0.00093	0.0002	0.999	0.998	0.999	0.0005
AL358472.3	0.0367	-0.01613	0.0055	0.984	0.973	0.994	0.0034
MIR762HG	0.0032	-0.00468	0.0017	0.995	0.992	0.998	0.0060
AC004148.2	0.0001	-0.00263	0.0006	0.997	0.996	0.998	8.57E-
AC093495.1	0.0008	-0.00499	0.0015	0.995	0.991	0.998	0.0014

LINC01569	0.0037	-0.00189	0.0009	0.998	0.996	0.999	0.0425
AC099518.4	6.22E-	-0.04279	0.0112	0.958	0.937	0.979	0.0001
AL022322.1	0.0005	-0.00329	0.001	0.996	0.994	0.998	0.0010
RNF139-AS1	7.83E-	-0.00424	0.0012	0.995	0.993	0.998	0.0005
AC090198.1	0.0003	-0.00448	0.0014	0.995	0.992	0.998	0.0018
AC008403.3	0.0009	-0.02751	0.0113	0.972	0.951	0.994	0.0156
AC006942.1	0.0012	-0.0156	0.0059	0.984	0.973	0.996	0.0087
AC006042.1	0.0240	-0.00303	0.0013	0.996	0.994	0.999	0.0234
AC084782.3	3.43E-	-0.05352	0.0183	0.947	0.914	0.982	0.0034
AC010326.3	0.0058	-0.00299	0.0007	0.997	0.995	0.998	0.0001
AC007390.2	0.0002	-0.00762	0.0027	0.992	0.987	0.997	0.0056

CR559946.2	0.0480	-0.03694	0.0179	0.963	0.930	0.998	0.0399
AC087289.2	0.0012	-0.0141	0.0044	0.985	0.977	0.994	0.0015
EXTL3-AS1	0.0468	-0.00587	0.0026	0.994	0.988	0.999	0.0292
AP000704.1	0.0097	-0.02691	0.0105	0.973	0.953	0.993	0.0108
AC010327.5	0.0414	-0.0044	0.0018	0.995	0.992	0.999	0.0178
AC109460.3	0.0004	-0.00715	0.0029	0.992	0.987	0.998	0.0152
AC004477.1	0.0138	-0.00836	0.0032	0.991	0.985	0.998	0.0104
AC015911.3	0.0018	-0.021	0.0078	0.979	0.964	0.994	0.0075
AC074044.1	0.0014	-0.03786	0.0126	0.962	0.939	0.986	0.0026
AGBL5-IT1	0.0332	-0.02777	0.0085	0.972	0.956	0.988	0.0010
AC024361.1	0.0047	-0.0141	0.0055	0.985	0.975	0.996	0.0103

AC084018.2	0.0400	-0.00768	0.0038	0.992	0.984	0.999	0.0447
AC020663.2	0.0007	-0.01778	0.0055	0.982	0.971	0.993	0.0012
AC013468.1	0.0011	-0.04468	0.0161	0.956	0.926	0.986	0.0055
AF131215.5	0.0281	-0.00261	0.0010	0.997	0.995	0.999	0.0169
Z84485.1	0.0015	-0.01182	0.0038	0.988	0.980	0.995	0.0020
AC109449.1	0.0359	-0.01886	0.0063	0.981	0.969	0.993	0.0027
UBE2Q1-AS1	0.0001	-0.03887	0.0122	0.961	0.938	0.985	0.0015
AL390728.6	2.15E-	-0.00165	0.0003	0.998	0.997	0.999	5.65E-
AL139349.1	0.0007	-0.01208	0.0041	0.987	0.979	0.996	0.0036
AC019131.2	0.0031	-0.00975	0.0028	0.990	0.984	0.995	0.0005
AC006026.3	0.0362	-0.01579	0.0069	0.984	0.970	0.997	0.0235

AC048341.2	0.0002	-0.00717	0.0026	0.992	0.987	0.998	0.0067
AC108134.4	0.0013	-0.02877	0.0123	0.971	0.948	0.995	0.0202
AC026801.2	0.0425	-0.00311	0.0010	0.996	0.994	0.999	0.0044
AC126118.1	0.0032	-0.02355	0.0096	0.976	0.958	0.995	0.0145
AC100814.1	0.0419	-0.00997	0.0028	0.990	0.984	0.995	0.0003
AC008124.1	0.0007	-0.00075	0.0002	0.999	0.998	0.999	0.0022
AL158835.2	0.0134	-0.0365	0.0183	0.964	0.930	0.999	0.0463
AC005224.1	0.0162	-0.01199	0.0060	0.988	0.976	0.999	0.0473
AC011451.1	0.0318	-0.00864	0.0035	0.991	0.984	0.998	0.0137
AL391244.3	0.0133	-0.00206	0.0009	0.997	0.996	0.999	0.0286
AL022328.1	0.0037	-0.01343	0.0054	0.986	0.976	0.997	0.0145

AC009237.15	0.0273	-0.01055	0.0036	0.989	0.982	0.996	0.0038
GATA2-AS1	0.0051	-0.0007	0.0002	0.999	0.998	0.999	0.0045
LINC01841	0.0090	-0.06542	0.0293	0.936	0.884	0.992	0.0260
AC072061.1	0.0104	-0.00587	0.0028	0.994	0.988	0.999	0.0366
AC092747.4	0.0031	-0.00111	0.0004	0.998	0.998	0.999	0.0066
ZNF460-AS1	0.0001	-0.02221	0.0056	0.978	0.967	0.988	7.48E-
AL136295.2	5.79E-	-0.02688	0.0064	0.973	0.961	0.985	2.86E-
RGMB-AS1	0.0332	-0.00404	0.0019	0.995	0.992	0.999	0.0420
CCDC18-AS1	0.0249	-0.00071	0.0002	0.999	0.998	0.999	0.0123
AC007881.2	0.0316	-0.13807	0.0602	0.871	0.773	0.980	0.0219
C17orf82	0.0041	-0.00219	0.0009	0.997	0.995	0.999	0.0229

AL135999.1	0.0223	-0.00251	0.0009	0.997	0.995	0.999	0.0067
AC055713.1	0.0004	-0.00323	0.0010	0.996	0.994	0.998	0.0031
AC104825.1	3.60E-	-0.0012	0.0003	0.998	0.998	0.999	0.0001
AC068620.2	0.0001	-0.02976	0.0086	0.970	0.954	0.987	0.0005
AC009065.4	0.0027	-0.00725	0.0023	0.992	0.988	0.997	0.0017
AL122010.1	0.0081	-0.00603	0.0024	0.993	0.989	0.998	0.0125
AC080129.2	0.0004	-0.01909	0.0073	0.981	0.967	0.995	0.0093
AC128687.2	0.0154	-0.03751	0.0184	0.963	0.928	0.998	0.0425
BDNF-AS	0.0198	-0.00479	0.0016	0.995	0.991	0.998	0.0042
ANKRD10-IT1	0.0068	-0.00094	0.0004	0.999	0.998	0.999	0.0423
AL137244.1	2.12E-	-0.02879	0.0091	0.971	0.954	0.989	0.0015

ALOX12-AS1	0.0205	-0.00382	0.0013	0.996	0.993	0.998	0.0044
AC026471.4	0.0006	-0.00439	0.0017	0.995	0.992	0.999	0.0125
USP30-AS1	0.0296	-0.0048	0.0014	0.995	0.992	0.998	0.0012
AC245052.4	0.0222	-0.00463	0.0021	0.995	0.991	0.999	0.0275
AL590705.3	0.0160	-0.01401	0.0059	0.986	0.974	0.997	0.0181
AC011477.3	0.0178	-0.00617	0.0024	0.993	0.989	0.998	0.0105
AC005841.1	0.0014	-0.06359	0.0230	0.938	0.896	0.981	0.0057
AC024267.3	0.0203	-0.02218	0.0088	0.978	0.961	0.995	0.0123
AL031432.3	0.0001	-0.03765	0.0142	0.963	0.936	0.990	0.0082
AL022069.1	0.0479	-0.03847	0.0178	0.962	0.929	0.996	0.0307
AC105345.1	0.0072	-0.01032	0.0027	0.989	0.984	0.995	0.0001

RPARP-AS1	0.0393	-0.00061	0.0002	0.999	0.998	0.999	0.0135
AC011477.2	0.0023	-0.00418	0.0012	0.995	0.993	0.998	0.0007
AL355581.1	0.0057	-0.06724	0.0229	0.934	0.893	0.977	0.0033
LINC01011	0.0008	-0.00492	0.0013	0.995	0.992	0.997	0.0002
AC097505.1	0.0158	-0.09374	0.0348	0.910	0.850	0.974	0.0072
AC009118.3	0.0016	-0.00671	0.0028	0.993	0.987	0.998	0.0184
AL121601.1	0.0017	-0.0201	0.0076	0.980	0.965	0.994	0.0088
HCG18	0.0063	-0.00034	0.0001	0.999	0.999	0.999	0.0154
AL355297.3	0.0018	-0.08485	0.0318	0.918	0.862	0.977	0.0078
AC055855.1	0.0210	-0.01928	0.0092	0.980	0.963	0.998	0.0378
AC005387.1	0.0013	-0.03935	0.0104	0.961	0.941	0.981	0.0001

AL671710.1	0.0073	-0.01403	0.0042	0.986	0.977	0.994	0.0008
AP001462.1	0.0037	-0.02944	0.0100	0.970	0.952	0.990	0.0033
ATP2B1-AS1	0.0390	-0.00278	0.0013	0.997	0.994	0.999	0.0322
BX640514.2	0.0411	-0.0194	0.0090	0.980	0.963	0.998	0.0311
AC110769.2	0.0100	-0.03989	0.0142	0.960	0.934	0.988	0.0050
MCCC1-AS1	0.0088	-0.00587	0.0028	0.994	0.988	0.999	0.0362
SNHG20	0.0194	-0.00158	0.0004	0.998	0.997	0.999	0.0006
SRD5A3-AS1	0.0272	-0.00501	0.0018	0.995	0.991	0.998	0.0056
AL132657.1	0.0358	-0.01965	0.0077	0.980	0.965	0.995	0.0111
AC010186.3	0.0296	-0.00183	0.0006	0.998	0.996	0.999	0.0046
AC008735.2	0.0003	-0.00348	0.0011	0.996	0.994	0.998	0.0020

H1FX-AS1	0.0064	-0.00188	0.0007	0.998	0.996	0.999	0.0145
ARHGAP5-AS1	0.0491	0.00114	0.0004	1.001	1.000	1.002	0.0107
AC016705.2	0.0038	-0.00253	0.0012	0.997	0.995	0.999	0.0444
PPP3CB-AS1	0.0082	-0.00141	0.0005	0.998	0.997	0.999	0.0167
AL138921.1	0.0092	-0.05002	0.0144	0.951	0.924	0.978	0.0005
AC025766.1	0.0235	-0.05577	0.0234	0.945	0.903	0.990	0.0174
AL139011.1	0.0006	-0.01507	0.0065	0.985	0.972	0.997	0.0221
NNT-AS1	0.0181	-0.00039	0.0001	0.999	0.999	0.999	0.0121
GUSBP11	6.97E-	-0.009	0.0021	0.991	0.986	0.995	1.89E-
ASB16-AS1	0.0327	-0.00071	0.0002	0.999	0.998	0.999	0.0149
GPRC5D-AS1	0.0263	-0.00093	0.0004	0.999	0.998	0.999	0.0422

LINC01089	6.79E-	-0.00049	0.0002	0.999	0.999	0.999	0.0165
AC013731.1	0.0023	-0.02676	0.0075	0.973	0.959	0.988	0.0004
AC015802.4	0.0002	-0.02642	0.0072	0.973	0.960	0.987	0.0002
LINC01355	0.0001	-0.001	0.0003	0.999	0.998	0.999	0.0012
AC018766.1	0.0006	-0.0286	0.0110	0.971	0.950	0.993	0.0099
AC005261.3	0.0005	-0.00249	0.0006	0.997	0.996	0.998	5.57E-
AC040162.3	0.0149	-0.0055	0.0019	0.994	0.990	0.998	0.0058
