

Table S2 Expression correlation between LncRNAs and HER2

Gene symbol	type_of_gene	correlation coefficient
ERBB2	protein-coding	1
LOC100288637	pseudo	0.93272903
MRPL3P1	pseudo	0.916047625
HNRNPLP1	pseudo	0.915049028
ARPC3P5	pseudo	0.913140321
LOC146253	pseudo	0.910724767
SNRPPF1	pseudo	0.907538328
LOC100131877	pseudo	0.900606222
LOC101928801	ncRNA	0.895163224
RPL23AP78	pseudo	0.893629498
XPOTP1	pseudo	0.892062387
ARPC3P3	pseudo	0.890586469
MAD2L1P1	pseudo	0.889385259
PFN1P1	pseudo	0.888444269
MEMO1P1	pseudo	0.887621138
LOC100505702	ncRNA	0.885817111
RPL39P20	pseudo	0.882914171
YWHAZP3	pseudo	0.880705507
COX5AP1	pseudo	0.878567642
LINC00152	ncRNA	0.8772224
LOC100289404	pseudo	0.871259312
RPL13P5	pseudo	-0.870310082
LINC00337	ncRNA	0.869829337
LOC641367	pseudo	0.868081725
ARPC3P1	pseudo	0.861840944
MIAT	ncRNA	0.861691682
UBE2SP2	pseudo	0.861050082
CSTP2	pseudo	0.861014091
LINC00957	ncRNA	-0.860990317
LOC100130417	ncRNA	0.860624949
CAPZA1P	pseudo	0.85885313
LOC101618237	pseudo	0.856412914
LOC643438	pseudo	0.85318713
KRT8P36	pseudo	0.852653863
SERF2-C150RF63	ncRNA	0.851575966
HNRNPABP1	pseudo	0.849414515
BMS1P3	pseudo	-0.84606008
CFL1P4	pseudo	0.845902648
TPM3P4	pseudo	0.840125767
LOC101926949	pseudo	0.839595509
HNRNPA3P10	pseudo	0.839496532
DYNLL1P2	pseudo	0.838478821
RPL32P2	pseudo	0.836492358
LEF1-AS1	ncRNA	0.836217763
HSPA8P7	pseudo	0.836174726
LOC101928173	ncRNA	0.836035074
YBX3P1	pseudo	-0.834910432
LOC100310848	pseudo	0.834392251
MIR497HG	ncRNA	-0.834070305
HSPA9P1	pseudo	0.833908469
LOC101929122	ncRNA	0.833030594

LOC343165	pseudo	0.829867212
LOC646801	pseudo	0.828261909
PGAM1P7	pseudo	0.827300254
LINC00478	ncRNA	-0.826505714
UBBP2	pseudo	0.825922027
LOC101928492	ncRNA	-0.824956914
LOC100288712	pseudo	0.823209955
LOC100507002	ncRNA	-0.82107204
S100A11P1	pseudo	0.818857869
MT1L	pseudo	-0.818730099
TIMM8BP2	pseudo	0.818066345
MIR155HG	ncRNA	0.816104801
GAPDHP51	pseudo	0.813801737
PP14571	ncRNA	0.812561327
PPIAP2	pseudo	0.812385854
RPL26P30	pseudo	0.811875599
LOC100528061	pseudo	0.81149439
LOC401286	ncRNA	-0.811303468
LOC100422287	pseudo	0.810245243
LOC100418997	pseudo	-0.810167439
CFL1P2	pseudo	0.810161032
LOC100506811	pseudo	0.810082911
RPLPOP2	pseudo	0.809588112
KRT8P1	pseudo	0.809453316
LOC100310852	pseudo	0.809007476
HSPA8P1	pseudo	0.808895289
LOC100507422	pseudo	0.807959414
HINT1P1	pseudo	0.80789427
MIR4435-1HG	ncRNA	0.806772556
RANP6	pseudo	0.805148925
LOC100134259	ncRNA	-0.805059929
PIR-FIGF	ncRNA	-0.804353908
HLA-F-AS1	ncRNA	-0.803499513
LOC100129566	pseudo	0.803485624
LOC728417	pseudo	0.803216565
TDPX2	pseudo	0.802498061
MAGI2-AS3	ncRNA	-0.802441108
LOC101927863	ncRNA	0.802241848
LOC344967	pseudo	0.801535185
GAPDHP21	pseudo	0.800592502
LOC100049716	ncRNA	-0.799965824
LOC254128	ncRNA	-0.799497456
LOC400940	ncRNA	0.799110598
KRT18P24	pseudo	0.798270313
LOC643997	pseudo	0.798012413
LOC101927943	ncRNA	-0.797859094
COPS5P1	pseudo	0.797334303
LOC150622	ncRNA	0.797161129
LOC101929596	ncRNA	-0.797116433
WDFY3-AS2	ncRNA	-0.796924548
TUBB3P1	pseudo	0.796301565
LINC00933	ncRNA	-0.795718595
LOC101928512	ncRNA	-0.795610594
LOC730222	pseudo	0.794931078

LOC402175	pseudo	0.794589719
SNRPGP9	pseudo	0.794173166
SDHCP4	pseudo	0.793791225
TRIM52-AS1	ncRNA	-0.793499114
YWHAZP2	pseudo	0.793127285
TMSB10P1	pseudo	0.791580206
LOC441204	ncRNA	-0.791522964
BOLA3-AS1	ncRNA	-0.790783369
GNG12-AS1	ncRNA	-0.790718134
NDUFB11P1	pseudo	0.790449431
LOC100130171	pseudo	0.790129407
LOC390298	pseudo	0.787658898
H2AFZP3	pseudo	0.787289139
NAPA-AS1	ncRNA	-0.787239304
CCT5P1	pseudo	0.787184016
PARP1P2	pseudo	0.787157295
LIPE-AS1	ncRNA	-0.787088425
FHP1	pseudo	0.786894568
MKLN1-AS2	ncRNA	-0.78662243
FGF14-AS2	ncRNA	-0.786618
SNRPGP4	pseudo	0.786280846
LOC286367	ncRNA	-0.785055832
LOC101929504	ncRNA	0.784936495
HMGB1P20	pseudo	0.784410367
CBX3P9	pseudo	0.784061033
ERHP1	pseudo	0.783745584
MTHFD2P7	pseudo	0.78350239
LOC284825	ncRNA	-0.78330977
LOC100420831	pseudo	0.782291514
TPTE2P1	pseudo	-0.782261406
LOC100506834	ncRNA	-0.782085747
FAM83H-AS1	ncRNA	0.780745999
RPS2P26	pseudo	0.780481684
ACTR3P2	pseudo	0.780217337
LOC148709	pseudo	0.7801572
TRAF3IP2-AS1	ncRNA	-0.779957426
LOC646616	pseudo	0.77940995
HSPA8P8	pseudo	0.779062343
C10orf32-AS3MT	ncRNA	-0.778950176
LOC100506178	ncRNA	-0.778947354
LOC101927559	ncRNA	-0.778585798
LOC643827	pseudo	-0.778355298
KRT18P65	pseudo	0.778249777
MIR503HG	ncRNA	0.777525427
PSIMCT-1	pseudo	0.776826516
LOC101927249	ncRNA	-0.776725949
PCAT6	ncRNA	0.776514758
SRP9P1	pseudo	0.776124504
LOC442320	pseudo	0.776094209
UBE2SP1	pseudo	0.775985012
FTLP17	pseudo	0.7756693
LOC101928415	ncRNA	-0.775640645
SERPINH1P1	pseudo	0.774671445
LOC101927841	ncRNA	-0.774516315

S100A1IP4	pseudo	0.774495636
LOC150417	pseudo	0.773820615
GSTO3P	pseudo	0.77149993
OSER1-AS1	ncRNA	-0.771170317
RAC1P5	pseudo	0.771078845
LOC101928015	ncRNA	-0.76924825
ACTBP7	pseudo	0.768478004
MIR100HG	ncRNA	-0.767833721
LOC101929434	ncRNA	-0.767225446
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RP9P	pseudo	-0.764896326
LINC00312	ncRNA	-0.764857499
SEPT10P1	pseudo	-0.764323104
TCEB1P2	pseudo	0.764315793
BPMS-AS1	ncRNA	-0.762485281
HMGAI1P2	pseudo	0.761113647
PGDP1	pseudo	0.760644776
CCT6P2	pseudo	0.760575659
MESTIT1	ncRNA	-0.760510757
LOC392226	pseudo	0.760272796
UBE2CP3	pseudo	0.760171466
RPL30P14	pseudo	0.759238607
FAM172BP	pseudo	0.759210652
MRPS18CP3	pseudo	-0.758011857
KRT8P14	pseudo	0.757526797
LOC101927229	ncRNA	0.757460846
TOP1P1	pseudo	0.757361217
C15orf37	ncRNA	0.756518149
LOC388955	pseudo	0.756403313
LOC642590	pseudo	0.756086441
HMGAI1P3	pseudo	0.75561043
FGF13-AS1	ncRNA	-0.754538748
HSPA8P16	pseudo	0.754481857
MRPS11P1	pseudo	0.754394899
LOC126987	pseudo	0.752573055
LOC139952	pseudo	0.751032674
PPP1R14BP2	pseudo	0.750297062
EXOSC3P1	pseudo	0.750032139
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FLI1-AS1	ncRNA	-0.749506078
LINC00539	ncRNA	0.74856683
UNC93B2	pseudo	0.747954987
ST7-AS1	ncRNA	-0.747655039
LINC00883	ncRNA	-0.746470638
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KRT18P23	pseudo	0.746197736
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LOC101929506	ncRNA	0.745805827
FAM115B	pseudo	-0.744824467
LYPLA1P3	pseudo	0.744815869
ATP5C1P1	pseudo	0.744266429
TMPO-AS1	ncRNA	0.743439294

DI030S	ncRNA	-0.74193757
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SYS1-DBNDD2	ncRNA	-0.73844625
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LOC642373	pseudo	-0.737535528
LOC100506411	ncRNA	0.736885561
TSEN15P1	pseudo	0.736871827
LOC101928227	ncRNA	0.736708328
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SNRPGP2	pseudo	0.735490925
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LOC101927634	ncRNA	0.733950944
SLC25A5P7	pseudo	0.733909694
LOC132386	pseudo	0.733703367
LOC101928187	ncRNA	-0.733680869
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LYPLA1P2	pseudo	0.733508415
LOC286437	ncRNA	-0.732708053
SRP14-AS1	ncRNA	-0.732452054
KRT8P23	pseudo	0.731520658
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RPS15P6	pseudo	0.73014834
NR2F2-AS1	ncRNA	-0.729906131
LOC441505	pseudo	0.729876524
LOC101929072	ncRNA	-0.72979655
LOC101928931	ncRNA	-0.728185773
LOC101929613	ncRNA	0.728177668
TNRC6C-AS1	ncRNA	0.727971508
LOC100421474	pseudo	0.727681798
MKLN1-AS1	ncRNA	-0.727665353
OR7E28P	pseudo	-0.727485731
FDPSP5	pseudo	0.726588868
MBNL1-AS1	ncRNA	-0.726489317
LOC101928882	ncRNA	-0.726398554
KRT18P2	pseudo	0.725913208
UNC93B5	pseudo	0.725405631
AURKAPS1	pseudo	0.724832229
LOC283575	ncRNA	-0.724301932
LOC101929423	ncRNA	-0.724034453
KRT8P19	pseudo	0.72388779
RAET1K	pseudo	0.723657117
LOC100506990	ncRNA	-0.723456565
LOC101927100	ncRNA	-0.723017626
LOC100132973	pseudo	0.722804705
PAXIP1-AS2	ncRNA	-0.722286879
CSPG4P11	pseudo	-0.722247953
SRSF9P1	pseudo	0.722239344
HSPA8P9	pseudo	0.722155428
LOC442058	pseudo	0.722144798

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LOC100289092	ncRNA	0.721909595
GNG5P2	pseudo	0.721720866
LOC100288748	ncRNA	0.721698771
LOC101928687	ncRNA	0.721574057
PPATP1	pseudo	0.720939796
VDAC1P2	pseudo	0.720682738
LINC00961	ncRNA	-0.720365632
ZSCAN16-AS1	ncRNA	-0.720352375
ATP6VOE2-AS1	ncRNA	-0.719145845
LOC101929440	ncRNA	0.718841305
RAMP2-AS1	ncRNA	-0.718638756
PKMP1	pseudo	0.718211287
LOC101929500	ncRNA	-0.717975113
LOC100131060	ncRNA	-0.717964308
CCL15-CCL14	ncRNA	-0.717095592
A2M-AS1	ncRNA	-0.716132396
CBX3P1	pseudo	0.716064889
LOC100131825	ncRNA	-0.715286272
TMEM220-AS1	ncRNA	-0.715255548
KRT8P40	pseudo	0.714997174
HOXA-AS4	ncRNA	-0.714286671
KRT18P29	pseudo	0.712893589
FAM66C	ncRNA	-0.712800596
RPL7AP64	pseudo	0.712646115
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HCG11	ncRNA	-0.708956644
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CDK5PS	pseudo	0.708370904
ANKRD20A14P	pseudo	-0.708080832
TIMM8AP1	pseudo	0.707771299
LOC100506055	pseudo	-0.707713226
ERP29P1	pseudo	0.707435516
LOC101927574	ncRNA	-0.707219488
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FAM85A	ncRNA	-0.706230577
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LOC100420464	pseudo	-0.705323074
LOC650368	pseudo	-0.704774297
LOC101929483	pseudo	0.704257875
LOC101928479	pseudo	0.704007548
LOC100996255	ncRNA	-0.703602312
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H2AFZP2	pseudo	0.70329987
LOC101928200	ncRNA	-0.702471328
PRKG1-AS1	ncRNA	0.701926683

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LOC389332	ncRNA	0.701776592
LOC101927117	ncRNA	-0.701430038
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LOC101929335	ncRNA	-0.700955053
CKS1BP6	pseudo	0.700890198
LINC00997	ncRNA	-0.700868283
PPIAP22	pseudo	0.69954314
PKMP2	pseudo	0.699209624
LOC101929724	ncRNA	-0.697757772
LOC400043	ncRNA	-0.697477379
LINC00861	ncRNA	0.697251103
LOC283731	ncRNA	-0.696899096
HAND2-AS1	ncRNA	-0.69638832
ESRRAP1	pseudo	0.695358751
LOC642236	pseudo	-0.695043455
CCDC144B	pseudo	-0.695026172
LOC101928219	ncRNA	-0.694019061
DNAJA1P3	pseudo	0.693939843
LOC101928118	ncRNA	-0.693475938
YWHAZP7	pseudo	0.693322752
LOC101928123	ncRNA	-0.692406092
LOC100506731	ncRNA	-0.692197851
HOXD-AS2	ncRNA	-0.691930524
OGFOD1P1	pseudo	0.69178002
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LOC388734	pseudo	0.691686477
LOC100422204	pseudo	-0.691343557
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LOC100129492	pseudo	0.691125937
LOC101927192	ncRNA	-0.690333789
TUBB2BP1	pseudo	-0.690165944
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LOC101928685	pseudo	-0.688774209
LOC101927075	ncRNA	-0.688667731
LOC644656	ncRNA	0.688293857
LINC00922	ncRNA	0.688001071
LOC100131369	pseudo	-0.6878889
GAS6-AS2	ncRNA	-0.68746448
LETM1P2	pseudo	0.686884407
CDC14C	pseudo	-0.686823353
CCT8P1	pseudo	0.686678608
GAPDHP70	pseudo	0.686035124
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RPLP1P12	pseudo	0.684578644
MRPL36P1	pseudo	0.684485756
HOTAIR	ncRNA	0.684005307
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GGTA1P	pseudo	-0.6831133
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LOC101926960	ncRNA	-0.682712677
PRH1-PRR4	ncRNA	-0.682127206
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LOC643733	pseudo	-0.675430863
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LOC100422562	pseudo	0.673865372
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SNX18P16	pseudo	-0.672357489
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LINC00886	ncRNA	-0.670943595
LOC284600	ncRNA	0.670282256
CFL1P3	pseudo	0.670270052
PSME2P1	pseudo	0.670205236
LOC100507600	ncRNA	0.670154572
LOC101927771	ncRNA	-0.670143215
LOC284930	ncRNA	0.670116648
FOXO3B	pseudo	-0.669530424
LOC101926896	ncRNA	-0.66943843
LOC653160	ncRNA	-0.669175591
LOC101927289	ncRNA	0.668897367
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LOC441228	pseudo	0.668834078
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LOC100287369	pseudo	0.668244533
LIFR-AS1	ncRNA	-0.668107251
RPL23AP53	pseudo	-0.668046427
RPS10P15	pseudo	-0.667873894
LOC101927740	ncRNA	-0.667193734
LINC00639	ncRNA	-0.666841146
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MGC27345	ncRNA	-0.666252164
RHPN1-AS1	ncRNA	0.666235451
CYP4F24P	pseudo	-0.666075789
LOC645207	pseudo	0.665666246
CAP1P1	pseudo	0.665387231
FLJ27354	ncRNA	-0.665178613
LOC101926956	ncRNA	-0.665033087
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HMGNI1P4	pseudo	0.66469686
COX7BP1	pseudo	0.664663703
LOC402715	pseudo	0.664641353
RPL10AP8	pseudo	-0.66461803
LOC100419844	pseudo	-0.664158839
LOC101927724	ncRNA	-0.662829071
ST13P19	pseudo	-0.662396838
AGAP1-IT1	ncRNA	0.662282157
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PPIAP29	pseudo	0.661891385
LOC101929465	ncRNA	-0.661669227
AQP7P1	pseudo	-0.661657939
LOC101927426	ncRNA	-0.661415288
LOC101928061	ncRNA	-0.660654437
KRT18P18	pseudo	0.660152308
ZSCAN12P1	pseudo	0.659420372
SNX18P12	pseudo	-0.659232048
LOC101929096	ncRNA	0.658263522
BVES-AS1	ncRNA	-0.65822337
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LOC442318	pseudo	0.657552535
LOC392264	pseudo	-0.657391655
LOC100419622	pseudo	0.657351136
LOC101929157	ncRNA	-0.657197536
COX5BP7	pseudo	-0.656479064
TSPY26P	pseudo	-0.656292238
LOC101928731	ncRNA	-0.655999349
OR2S1P	pseudo	-0.655867849
ADD3-AS1	ncRNA	-0.655108151
C7orf13	ncRNA	0.654638457
LOC101928916	ncRNA	-0.654616248
LOC100499484-C9ORF174	ncRNA	-0.654497934
LOC101928754	ncRNA	-0.654449841
LOC100132073	pseudo	0.653898209
ANKRD20A12P	pseudo	-0.653849689
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