

HRAS-MAPK1	0	0.377074	0	0	0	0	0	0	0.219007	0
TGFB2-TGFB3	0	0	0.51302	0.391017	0	0	0	0	0	0
HRAS-RB1	0.490191	0.523702	0	0	0	0	0	0	0	0
HGF-HRAS	0	0	0	0.423733	0.211697	0	0	0	0	0
HGF-MAP2K2	0	0	0	0.472304	0.249397	0	0	0	0	0
AKT3-PIK3R1	0	0	0.304883	0	0	0	0	0.5225	0	0
FZD2-TGFB1	0	0	0	0	0.345698	0	0	0.245352	0	0
BAD-HGF	0	0	0	0.238	0.521341	0	0	0	0	0
APC2-MTOR	0	0	0.483384	0	0	0	0	0.482654	0	0
CDKN1A-E2F3	0	0	0	0	0.401759	0.464237	0	0	0	0
CDH1-TP53	0.399618	0	0	0	0	0	0	0	0	0.211135
HGF-SOS2	0	0	0	0.224553	0.235497	0	0	0	0	0
AKT1-APC2	0	0	0	0	0	0	0	0.283071	0	0.426987
FOS-JUN	0	0.541029	0.698831	0	0	0	0	0	0	0
FZD1-FZD7	0	0.204616	0	0	0	0	0	0.275922	0	0
BAK1-TGFB3	0	0	0.242653	0	0.310864	0	0	0	0	0
WNT4-WNT5B	0	0.233203	0	0	0	0	0	0.32176	0	0
EGFR-GSK3B	0	0.310934	0	0	0	0	0	0.219241	0	0
AKT3-BAK1	0	0	0.26637	0	0	0	0	0.437111	0	0
CDKN2A-E2F2	0.209236	0	0	0	0.219681	0	0	0	0	0
AKT3-PIK3CA	0	0	0.422338	0	0	0	0	0	0	0.546025
APC2-BAD	0	0	0.346773	0	0	0	0	0	0	0.34851
AKT3-FGF2	0	0.248546	0	0	0	0	0	0.47636	0	0
CDKN1A-TGFB3	0	0	0	0.297123	0.442398	0	0	0	0	0
PIK3CA-SOS1	0	0.333178	0	0	0.263985	0	0	0	0	0
BAX-HRAS	0	0	0	0	0	0	0	0	0.598386	0.250799
WNT5B-WNT6	0	0.222153	0	0	0	0	0	0.229233	0	0
LEF1-MAP2K1	0	0.220847	0	0	0	0	0	0	0.278631	0
ERBB2-PIK3R3	0	0	0	0	0	0	0	0	0	0.41082
ERBB2-PIK3R2	0	0.455684	0	0	0	0	0	0	0	0
BAK1-EGF	0	0	0	0	0	0	0	0.234699	0	0
ESR1-IGF1R	0	0.384503	0	0	0	0	0	0	0	0
DLL4-FLT4	0	0.323665	0	0	0	0	0	0	0	0
PAK3-TGFB3	0	0	0	0.209866	0	0	0	0	0	0
AXIN1-DVL1	0	0.459603	0	0	0	0	0	0	0	0
APC2-HRAS	0	0	0	0	0	0	0	0	0	0.272392
FGFR3-MMP2	0.434426	0	0	0	0	0	0	0	0	0
PDGFRA-SOS1	0	0	0	0	0	0	0.230428	0	0	0
FZD1-WNT5B	0	0.336357	0	0	0	0	0	0	0	0
CREB3L1-CTNNB1	0	0	0	0	0	0	0.213198	0	0	0
HSP90AB1-PDGFR	0	0	0	0	0	0	0.26853	0	0	0
CDKN1A-HIF1A	0	0	0	0.317985	0	0	0	0	0	0
AKT2-HGF	0	0	0	0.264321	0	0	0	0	0	0
CDH1-WNT10A	0	0	0	0	0	0	0	0.296024	0	0
NRAS-PIK3R3	0	0	0	0	0	0	0	0	0	0.382202
FZD1-TGFB2	0	0	0	0	0	0	0	0.235528	0	0
LRP6-POLK	0	0.305546	0	0	0	0	0	0	0	0
MMP9-PIK3CD	0	0	0	0	0	0	0.221215	0	0	0
POLK-SOS1	0	0.303028	0	0	0	0	0	0	0	0
CREB3L4-TMPRSS2	0	0	0	0	0	0	0.638307	0	0	0
AXIN1-TGFB2	0	0	0.231871	0	0	0	0	0	0	0
BAK1-TCF7	0	0	0	0	0	0	0	0	0.372699	0
APC2-JUN	0	0	0.393735	0	0	0	0	0	0	0
MMP1-NRAS	0.371531	0	0	0	0	0	0	0	0	0
MTOR-WNT5A	0	0	0	0	0.220034	0	0	0	0	0
BAK1-SHH	0	0	0	0	0	0	0	0.23598	0	0
AREG-CDKN1A	0	0	0.329389	0	0	0	0	0	0	0

MAP2K2-RARB	0	0	0	0	0	0	0	0.518867	0	0
ESR2-SOS1	0	0.305174	0	0	0	0	0	0	0	0
CTNNA3-MAPK1	0	0	0	0	0	0	0	0	0	0.479656
HRAS-NRAS	0	0.358266	0	0	0	0	0	0	0	0
BAX-SHC2	0	0.390564	0	0	0	0	0	0	0	0
BAK1-TGFBR1	0	0	0	0	0	0	0	0.224427	0	0
FGF3-WNT8A	0	0	0	0	0	0	0	0.808786	0	0
FGF8-WNT4	0	0	0	0	0	0	0	0.203584	0	0
RARB-WNT3	0	0	0	0	0	0	0	0.732832	0	0
CDKN2A-FZD3	0	0	0	0.285959	0	0	0	0	0	0
FGF2-SHC4	0	0	0	0	0	0	0	0.433044	0	0
ESR2-FGF2	0	0.353936	0	0	0	0	0	0	0	0
EGFR-FOXO3	0	0	0	0	0	0.71384	0	0	0	0
AKT3-TP53	0	0	0	0	0	0	0	0	0	0.318347
PIK3R3-SHC2	0	0	0	0	0	0	0	0.228511	0	0
FZD4-MAP2K1	0	0.540289	0	0	0	0	0	0	0	0
EGF-RXRA	0	0	0	0	0	0	0	0.24821	0	0
EGFR-ERBB2	0	0	0	0	0	0.20116	0	0	0	0
CDKN1A-IL8	0.369105	0	0	0	0	0	0	0	0	0
HMOX1-WNT5A	0	0	0	0	0.25541	0	0	0	0	0
FGF8-FGF9	0	0	0	0	0	0	0	0.206034	0	0
AKT1-SHC2	0	0	0	0	0	0	0	0.299565	0	0
CCNE2-TERC	0	0	0	0	0	0	0	0.278036	0	0
CDK6-LRP6	0	0.326196	0	0	0	0	0	0	0	0
FGF10-FZD5	0	0	0	0	0	0	0	0.232355	0	0
TGFB2-TP53	0	0	0.302672	0	0	0	0	0	0	0
TGFB3-WNT9B	0	0	0	0	0.223337	0	0	0	0	0
FGF9-FZD4	0	0	0	0	0	0	0	0.21352	0	0
E2F1-TERT	0	0	0	0	0	0	0	0.339323	0	0
HGF-SMARCC1	0	0	0	0	0.494143	0	0	0	0	0
CDKN2B-FZD8	0	0	0	0	0	0	0	0.307806	0	0
ILK-LEF1	0	0	0	0	0	0	0	0	0	0.26785
AR-E2F1	0	0	0	0	0	0	0.207844	0	0	0
FGF20-FZD5	0	0	0	0	0	0	0	0.211527	0	0
FRAT1-HRAS	0	0.234528	0	0	0	0	0	0	0	0
BAX-EGF	0	0	0	0	0	0.215695	0	0	0	0
JUP-WNT7B	0	0	0	0	0	0	0	0.365476	0	0
APC-SOS2	0	0.333436	0	0	0	0	0	0	0	0
DDB2-ERBB2	0	0	0	0	0	0	0	0	0	0.547986
SHH-SOS2	0	0	0	0	0	0	0	0.432139	0	0
AXIN1-HMOX1	0	0	0	0	0.393247	0	0	0	0	0
ATF4-PIK3R1	0	0	0	0	0	0	0.230406	0	0	0
EPAS1-PAK3	0	0	0	0.38244	0	0	0	0	0	0
HES5-MYC	0	0.241375	0	0	0	0	0	0	0	0
EPAS1-PAK7	0	0	0	0.263516	0	0	0	0	0	0
FGF9-RPS6KB1	0	0	0	0	0	0	0	0.222055	0	0
AKT3-IGF1	0	0	0	0	0	0	0.285314	0	0	0
APC-GADD45B	0	0	0	0	0	0	0	0	0	0.233827
ACTL6A-GSTA1	0	0	0	0	0.221938	0	0	0	0	0
GSTP1-NQO1	0	0	0	0	0.201186	0	0	0	0	0
WNT3A-WNT8B	0	0	0	0	0	0	0	0.331497	0	0
CDH17-MUC2	0	0	0	0	0	0	0	0.289813	0	0
APC2-CCNE2	0	0	0	0	0	0	0	0.267396	0	0
PIK3R1-PIK3R3	0	0	0	0	0	0	0	0.252166	0	0
EGLN3-PAK7	0	0	0	0.496424	0	0	0	0	0	0
FZD5-WNT4	0	0.283282	0	0	0	0	0	0	0	0
PAK7-VEGFA	0	0	0	0.312702	0	0	0	0	0	0

ILK-TCF7	0	0	0	0	0	0	0	0	0	0.621143
CDKN1A-SRD5A2	0	0	0	0	0	0	0.366815	0	0	0
FZD10-WNT4	0	0	0	0	0	0	0	0.269583	0	0
FOXO3-HRAS	0	0	0	0	0	0	0	0	0	0.367899
TGFB2-TGFBR2	0	0	0.329518	0	0	0	0	0	0	0
CCNE2-CDKN1A	0	0	0	0	0	0	0	0.257731	0	0
HGF-RAP1B	0	0	0	0.225634	0	0	0	0	0	0
TGFB2-WNT2B	0	0	0	0	0.208497	0	0	0	0	0
FH-TGFB2	0	0	0	0.248908	0	0	0	0	0	0
CTNNA2-WNT3A	0	0	0	0	0	0	0	0.265749	0	0
PAK7-TGFB1	0	0	0	0.322775	0	0	0	0	0	0
HGF-KRAS	0	0	0	0	0.22156	0	0	0	0	0
FGF22-TGFB2	0	0	0	0	0	0	0	0.227815	0	0
E2F2-NRAS	0	0	0	0	0	0	0	0.526367	0	0
APC-BRCA2	0	0.248299	0	0	0	0	0	0	0	0
EGFR-SMAD3	0	0	0.430326	0	0	0	0	0	0	0
AKT3-TCF7L1	0	0	0.975867	0	0	0	0	0	0	0
E2F3-TGFBR2	0	0	0	0	0.209312	0	0	0	0	0
SHH-WNT5A	0	0	0	0	0	0	0	0.201816	0	0
MAPK1-RPS6KA5	0.244613	0	0	0	0	0	0	0	0	0
TGFB2-TGFBR1	0	0	0.587636	0	0	0	0	0	0	0
PAK7-SLC2A1	0	0	0	0.289005	0	0	0	0	0	0
AKT3-MAP2K2	0	0	0.492686	0	0	0	0	0	0	0
KRAS-PIK3R3	0	0	0	0	0	0	0	0	0	0.619624
GSTP1-TGFB1	0	0	0	0	0.377665	0	0	0	0	0
CTNNA3-WNT9A	0	0	0	0	0	0	0	0.235717	0	0
MAP2K2-PIK3CA	0	0	0	0	0.319088	0	0	0	0	0
ARAF-SHH	0	0	0	0	0	0	0	0.559565	0	0
HRAS-SHC2	0	0.352319	0	0	0	0	0	0	0	0
PIK3CA-PIK3R3	0	0	0	0	0	0	0	0	0	0.407986
FGF7-FZD10	0	0	0	0	0	0	0	0.318519	0	0
MDM2-TGFA	0	0	0	0	0	0	0.307663	0	0	0
JUP-WNT10A	0	0	0	0	0	0	0	0.30313	0	0
FGF1-WNT9A	0	0	0	0	0	0	0	0.387835	0	0
FGF2-PIK3CB	0	0.268086	0	0	0	0	0	0	0	0
EGFR-RXRA	0	0	0	0	0	0	0	0.356292	0	0
HGF-PLCG1	0	0	0	0	0.216357	0	0	0	0	0
E2F3-RB1	0	0	0	0	0.366762	0	0	0	0	0
GADD45A-PIK3R1	0	0	0	0	0	0	0	0	0	0.215693
GADD45A-PIK3R2	0	0	0	0	0	0	0	0	0	0.291043
HMOX1-PIK3R1	0	0	0	0	0.240818	0	0	0	0	0
DCC-PIK3R3	0	0	0.378639	0	0	0	0	0	0	0
CCNE2-WNT10A	0	0	0	0	0	0	0	0.28009	0	0
WNT3A-WNT5A	0	0	0	0	0	0	0	0.273293	0	0
CCND1-RPS6KA5	0.49901	0	0	0	0	0	0	0	0	0
LEF1-PLCG1	0	0	0	0	0.209568	0	0	0	0	0
GSTO1-HGF	0	0	0	0	0.272627	0	0	0	0	0
PIK3CD-PIK3R3	0	0	0	0	0	0	0	0	0	0.392863
CDKN1A-GAB1	0	0	0	0	0.280223	0	0	0	0	0
AXIN1-HRAS	0	0.577187	0	0	0	0	0	0	0	0
EGF-SHC3	0	0	0	0	0	0	0	0.285196	0	0
FGF19-WNT10B	0	0	0	0	0	0	0	0.31006	0	0
NRAS-UPK3A	0.23295	0	0	0	0	0	0	0	0	0
LEF1-TP53	0	0	0	0	0	0	0	0.402511	0	0
RXRG-SHC4	0	0	0	0	0	0	0	0.203642	0	0
FGF3-WNT10A	0	0	0	0	0	0	0	0.244472	0	0
GADD45B-PRKCG	0	0	0	0	0.28495	0	0	0	0	0

RARB-WNT7B	0	0	0	0	0	0	0	0.200649	0	0
AKT3-EGFR	0	0	0	0	0	0.233539	0	0	0	0
RARB-WNT7A	0	0	0	0	0	0	0	0.277668	0	0
EGFR-SHC2	0	0	0	0	0.26827	0	0	0	0	0
PAK7-TGFA	0	0	0	0.320947	0	0	0	0	0	0
JAK3-PLCG2	0	0	0	0	0	0.322196	0	0	0	0
RB1-SHH	0	0	0	0	0	0	0	0.247293	0	0
DVL2-WNT9A	0	0	0	0	0	0	0	0.257357	0	0
WNT10B-WNT2	0	0.250272	0	0	0	0	0	0	0	0
AKT3-IGF1R	0	0	0	0	0.291294	0	0	0	0	0
LEF1-TXNRD2	0	0	0	0	0.274293	0	0	0	0	0
E2F3-EGF	0.340929	0	0	0	0	0	0	0	0	0
NRAS-TGFA	0	0	0.583941	0	0	0	0	0	0	0
E2F1-ERG	0	0	0	0	0	0	0.213178	0	0	0
FZD6-KIT	0	0.227248	0	0	0	0	0	0	0	0
BRAF-LRP6	0	0.276052	0	0	0	0	0	0	0	0
CTNNA1-ERBB2	0	0	0	0	0	0	0	0.284839	0	0
FZD3-IGF1R	0	0.293581	0	0	0	0	0	0	0	0
ERBB2-FZD5	0	0	0	0	0	0	0	0.275061	0	0
E2F2-JAK3	0	0	0	0	0	0.382156	0	0	0	0
CDKN1A-FRAT2	0	0.545417	0	0	0	0	0	0	0	0
CSNK1A1-WNT3A	0	0	0	0	0	0	0	0.346033	0	0
CSNK1A1L-FGF3	0	0	0	0	0	0	0	0.349107	0	0
E2F2-PIK3CD	0	0	0	0	0	0.218748	0	0	0	0
LEF1-SMAD2	0	0	0	0	0.236754	0	0	0	0	0
KLK3-RAF1	0	0	0	0	0	0	0.215701	0	0	0
SOS1-WNT3	0	0	0	0	0	0	0	0.313178	0	0
DDB2-PIK3CB	0	0	0	0	0	0	0	0	0	0.269775
CSNK1A1L-FZD3	0	0	0	0	0.222334	0	0	0	0	0
HIF1A-SLC2A1	0	0	0	0.407953	0	0	0	0	0	0
PIK3R3-POLK	0	0	0	0	0	0	0	0	0	0.308437
MET-SHH	0	0	0	0	0	0	0	0.33727	0	0
FGFR3-MAPK3	0.378964	0	0	0	0	0	0	0	0	0
EGFR-RPS6KA5	0.426652	0	0	0	0	0	0	0	0	0
AKT2-HRAS	0	0.273944	0	0	0	0	0	0	0	0
ERBB2-FGFR3	0.648526	0	0	0	0	0	0	0	0	0
FGFR2-WNT9B	0	0	0	0	0	0	0	0.217448	0	0
TGFBR2-WNT1	0	0	0	0	0	0	0	0.249458	0	0
FZD7-GSTM5	0	0	0	0	0.200608	0	0	0	0	0
WNT7A-WNT7B	0	0	0	0	0.379899	0	0	0	0	0
MAPK3-RARB	0	0	0	0	0	0	0	0.214632	0	0
FZD10-WNT7A	0	0	0	0	0	0	0	0.248159	0	0
ATF4-MMP9	0	0	0	0	0	0	0.201174	0	0	0
ERBB2-WNT3	0	0.21117	0	0	0	0	0	0	0	0
E2F3-TXNRD2	0	0	0	0	0.200863	0	0	0	0	0
GAB1-SHH	0	0	0	0	0	0	0	0.257901	0	0
PRKCB-TGFB1	0	0	0	0	0.29231	0	0	0	0	0
CDH1-UPK3A	0.210967	0	0	0	0	0	0	0	0	0
HRAS-RPS6KB2	0	0.466644	0	0	0	0	0	0	0	0
BAK1-HRAS	0	0.399287	0	0	0	0	0	0	0	0
CREB3L3-E2F2	0	0	0	0	0	0	0.221235	0	0	0
BAX-MAP2K2	0	0	0	0	0	0	0	0	0.426221	0
AR-SOS2	0	0	0	0	0	0	0.288933	0	0	0
CDKN2A-HBEGF	0.471211	0	0	0	0	0	0	0	0	0
AR-SOS1	0	0	0	0	0	0	0.276393	0	0	0
HBEGF-MDM2	0.293471	0	0	0	0	0	0	0	0	0
TCF7L1-TGFB3	0	0	0.463819	0	0	0	0	0	0	0

BCL2-FGFR2	0	0	0	0	0	0	0.50594	0	0	0
NOTCH1-NOTCH3	0	0.33455	0	0	0	0	0	0	0	0
E2F3-MMP2	0.329691	0	0	0	0	0	0	0	0	0
EGF-PIK3R3	0	0	0	0	0	0	0	0	0	0.31916
NFKB2-WNT9A	0	0.249065	0	0	0	0	0	0	0	0
CTNNA2-FGF20	0	0	0	0	0	0	0	0.200328	0	0
IGF1R-ZEB1	0	0	0	0	0	0	0.232577	0	0	0
KLK3-TCF7L2	0	0	0	0	0	0	0.361889	0	0	0
CDH1-ERBB2	0	0	0	0	0	0	0	0	0	0.214118
WNT5B-WNT7B	0	0	0	0	0	0	0	0.26687	0	0
AXIN2-TGFBR2	0	0	0	0	0	0	0	0.464651	0	0
AR-EGFR	0	0	0	0	0	0	0.679459	0	0	0
HGF-PIK3CA	0	0	0	0.44944	0	0	0	0	0	0
HGF-PIK3CB	0	0	0	0	0.374759	0	0	0	0	0
PIK3CA-SOS2	0	0	0	0	0.535023	0	0	0	0	0
FZD9-MAP2K2	0	0.226995	0	0	0	0	0	0	0	0
AKT2-DVL1	0	0.230499	0	0	0	0	0	0	0	0
MAP2K2-RPS6KA5	0.548618	0	0	0	0	0	0	0	0	0
E2F1-SHH	0	0	0	0	0	0	0	0.273619	0	0
AKT3-HRAS	0	0	0	0	0	0	0	0	0	0.391863
KIT-TP53	0	0.360087	0	0	0	0	0	0	0	0
FGF2-RPS6KB2	0	0.227123	0	0	0	0	0	0	0	0
CTNNA1-SHC4	0	0.243946	0	0	0	0	0	0	0	0
GSTO1-WNT6	0	0	0	0	0.230561	0	0	0	0	0
FGFR1-IGF1	0	0	0	0	0	0	0.32447	0	0	0
FGF1-TCF7	0	0	0	0	0	0	0	0.327306	0	0
DLL1-JUN	0	0.27005	0	0	0	0	0	0	0	0
EGFR-IGF1R	0	0	0	0	0	0	0.202124	0	0	0
GSTA4-GSTO2	0	0	0	0	0.2244	0	0	0	0	0
RAC1-TGFA	0	0	0.243092	0	0	0	0	0	0	0
BRCA2-KRAS	0	0.213515	0	0	0	0	0	0	0	0
FZD2-GSTA5	0	0	0	0	0.272885	0	0	0	0	0
APC2-TP53	0	0	0	0	0	0	0	0	0	0.381741
CDKN2B-MLH1	0	0	0	0	0	0	0	0.269585	0	0
FGF6-TCF7	0	0.322795	0	0	0	0	0	0	0	0
PDGFB-PDGFR	0	0	0	0	0	0	0.287365	0	0	0
KRAS-TGFB3	0	0	0	0	0.205767	0	0	0	0	0
AR-PIK3R1	0	0	0	0	0	0	0.286734	0	0	0
CTNNA2-E2F2	0	0	0	0	0	0	0	0.266737	0	0
FGF6-RAF1	0	0.422388	0	0	0	0	0	0	0	0
CSNK1A1L-WNT5B	0	0	0	0	0	0	0	0.212789	0	0
APC-CDK6	0	0	0	0	0.282485	0	0	0	0	0
EGFR-FGF10	0	0.262918	0	0	0	0	0	0	0	0
FGF2-WNT16	0	0	0	0	0	0	0	0.248377	0	0
CDKN1A-DLL4	0	0.293312	0	0	0	0	0	0	0	0
MMP9-PDGFR	0	0	0	0	0	0	0.22199	0	0	0
AKT2-WNT9A	0	0	0	0	0	0	0	0.293163	0	0
IGF1R-PGR	0	0.331592	0	0	0	0	0	0	0	0
TCEB2-TGFB2	0	0	0	0.226411	0	0	0	0	0	0
ERBB2-ZEB1	0	0	0	0	0	0	0.300018	0	0	0
APC2-CDKN2A	0	0	0	0	0.229404	0	0	0	0	0
ARAF-MYC	0	0	0	0	0	0	0	0	0	0.605721
ARID1A-GAB1	0	0	0	0	0.279932	0	0	0	0	0
CREB3L1-TP53	0	0	0	0	0	0	0.200405	0	0	0
APC2-BIRC5	0	0	0.240461	0	0	0	0	0	0	0
MAP2K2-TYMP	0.406928	0	0	0	0	0	0	0	0	0
GSTP1-SMARCD3	0	0	0	0	0.486521	0	0	0	0	0

E2F1-EGFR	0.285728	0	0	0	0	0	0	0	0	0
EGLN2-HRAS	0	0	0	0.253132	0	0	0	0	0	0
CDKN1A-POLK	0	0	0.471562	0	0	0	0	0	0	0
BRAF-PIK3R3	0	0	0	0	0	0	0	0	0	0.233224
BAK1-IGF2	0	0	0	0	0.289221	0	0	0	0	0
FRAT1-SHH	0	0	0	0	0	0	0	0.417938	0	0
DLL4-NOTCH4	0	0.559868	0	0	0	0	0	0	0	0
CCND1-FGF1	0	0.293491	0	0	0	0	0	0	0	0
EGF-RPS6KA5	0.517198	0	0	0	0	0	0	0	0	0
MAP2K1-SMARCD3	0	0	0	0	0.313324	0	0	0	0	0
HRAS-TPR	0	0	0	0	0	0	0	0	0.813827	0
EGFR-FGFR2	0	0	0	0	0	0	0.270616	0	0	0
EGF-SOS2	0	0.210254	0	0	0	0	0	0	0	0
BAK1-GADD45A	0	0	0	0	0	0	0	0	0.235082	0
AKT2-FZD4	0	0.225914	0	0	0	0	0	0	0	0
CDKN1A-MAPK10	0	0	0.367846	0	0	0	0	0	0	0
BRCA2-CDK6	0	0.524553	0	0	0	0	0	0	0	0
JUP-MAPK3	0	0	0	0	0	0	0	0.30096	0	0
ESR2-NOTCH1	0	0.24389	0	0	0	0	0	0	0	0
TCF7L1-WNT9A	0	0	0	0	0	0	0	0.421346	0	0
AR-NRAS	0	0	0	0	0	0	0.267101	0	0	0
FGFR1-ZEB1	0	0	0	0	0	0	0.726854	0	0	0
FGF2-MAP2K2	0	0.359584	0	0	0	0	0	0	0	0
BAD-POLK	0	0	0	0	0	0	0	0	0	0.327973
BAX-TPR	0	0	0	0	0	0	0	0	0.300753	0
LRP6-PIK3CA	0	0	0	0	0.215468	0	0	0	0	0
CDKN1A-FGF17	0	0	0	0	0	0	0	0.290622	0	0
GSTO2-NQO1	0	0	0	0	0.214725	0	0	0	0	0
AXIN2-GADD45A	0	0	0	0	0	0	0	0	0	0.21797
CDKN1A-PLAT	0	0	0	0	0	0	0.483273	0	0	0
APC2-CASP3	0	0	0.591245	0	0	0	0	0	0	0
E2F3-KRAS	0	0	0	0	0.383031	0	0	0	0	0
DVL2-WNT6	0	0.439158	0	0	0	0	0	0	0	0
TGFA-WNT7B	0	0	0	0	0.214801	0	0	0	0	0
HEYL-WNT2	0	0.226474	0	0	0	0	0	0	0	0
ERBB2-WNT3A	0	0	0	0	0	0	0	0.231101	0	0
GADD45A-WNT7A	0	0	0	0	0.218939	0	0	0	0	0
SOS2-TGFA	0	0	0.328619	0	0	0	0	0	0	0
FZD3-WNT5A	0	0.27558	0	0	0	0	0	0	0	0
AREG-PMAIP1	0	0	0.227793	0	0	0	0	0	0	0
BRCA2-E2F2	0	0.401769	0	0	0	0	0	0	0	0
BRCA2-E2F3	0	0.508348	0	0	0	0	0	0	0	0
MMP2-THBS1	0.24025	0	0	0	0	0	0	0	0	0
PAK1-PAK7	0	0	0	0.236563	0	0	0	0	0	0
CREB1-MMP9	0	0	0	0	0	0	0.200067	0	0	0
FGFR3-VEGFA	0.231395	0	0	0	0	0	0	0	0	0
BCL2-ERG	0	0	0	0	0	0	0.241182	0	0	0
CCND1-EGF	0	0	0	0	0	0	0	0	0	0.292628
HEYL-KIT	0	0.204608	0	0	0	0	0	0	0	0
LRP5-NOTCH3	0	0.313763	0	0	0	0	0	0	0	0
IGF1-PDGFRA	0	0	0	0	0	0	0.661547	0	0	0
AR-CREB3L1	0	0	0	0	0	0	0.306519	0	0	0
LEF1-SMARCD1	0	0	0	0	0.284655	0	0	0	0	0
AR-CREB3L2	0	0	0	0	0	0	0.40397	0	0	0
CDH1-CDH17	0	0	0	0	0	0	0	0.278633	0	0
FZD4-MYC	0	0.249285	0	0	0	0	0	0	0	0
JAK3-PRKCB	0	0	0	0	0	0.597002	0	0	0	0

ERBB2-GADD45G	0	0	0	0	0	0	0	0	0	0.235404
CDKN2A-WNT10A	0	0	0	0	0.341561	0	0	0	0	0
FZD1-KIT	0	0.220278	0	0	0	0	0	0	0	0
ESR2-IGF1	0	0.235223	0	0	0	0	0	0	0	0
FZD3-LRP6	0	0	0	0	0	0	0	0.390117	0	0
ABCB1-FZD10	0	0	0	0	0	0	0	0.278977	0	0
FGFR2-SRD5A2	0	0	0	0	0	0.209294	0	0	0	0
FZD9-MUC2	0	0	0	0	0	0	0	0.202932	0	0
BRAF-REG4	0	0	0	0	0	0	0	0.262382	0	0
AR-PIK3CA	0	0	0	0	0	0.686088	0	0	0	0
AR-PIK3CB	0	0	0	0	0	0.358764	0	0	0	0
CTNNB1-HGF	0	0	0	0	0.320666	0	0	0	0	0
CDH1-FGFR3	0.888012	0	0	0	0	0	0	0	0	0
ARNT2-PAK6	0	0	0	0.429682	0	0	0	0	0	0
EGFR-NOTCH2	0	0.833459	0	0	0	0	0	0	0	0
IGF1R-MMP3	0	0	0	0	0	0.231144	0	0	0	0
CTNNA2-SHC2	0	0	0	0	0	0	0.24563	0	0	0
CCND1-RXRG	0	0	0	0	0	0	0	0.269911	0	0
FGF18-WNT4	0	0	0	0	0	0	0	0.216565	0	0
DAPK1-UPK3A	0.232445	0	0	0	0	0	0	0	0	0
GADD45B-HMOX1	0	0	0	0	0.227391	0	0	0	0	0
HIF1A-MET	0	0	0	0.333666	0	0	0	0	0	0
BIRC5-SOS1	0	0	0.231027	0	0	0	0	0	0	0
SPINT1-ZEB1	0	0	0	0	0	0.634769	0	0	0	0
CDH1-MYC	0	0	0	0	0	0	0	0	0.261746	0
BIRC5-SOS2	0	0	0.347957	0	0	0	0	0	0	0
DVL2-WNT3	0	0.283775	0	0	0	0	0	0	0	0
AXIN1-WNT9B	0	0	0	0	0	0	0	0.218274	0	0
ESR2-FZD4	0	0.330465	0	0	0	0	0	0	0	0
ESR2-FZD5	0	0.275249	0	0	0	0	0	0	0	0
EGFR-GAB1	0	0	0	0	0	0	0	0.328686	0	0
PIK3R2-WNT4	0	0.38639	0	0	0	0	0	0	0	0
CDH1-JUP	0	0	0	0	0	0	0	0.517778	0	0
JAK3-PIK3CD	0	0	0	0	0	0.802245	0	0	0	0
APC2-NRAS	0	0	0.413719	0	0	0	0	0	0	0
IL8-VEGFA	0.272228	0	0	0	0	0	0	0	0	0
PDGFRB-TCF7L1	0	0	0	0	0	0	0.2276	0	0	0
BRAF-NOTCH2	0	0.20468	0	0	0	0	0	0	0	0
PDGFRB-SOS1	0	0	0	0	0	0.238282	0	0	0	0
FGF8-WNT2B	0	0	0	0	0	0	0	0.29102	0	0
BAK1-NTRK1	0	0	0	0	0	0	0	0	0.340249	0
MLH1-TGFB2	0	0	0.299046	0	0	0	0	0	0	0
ERG-GSTP1	0	0	0	0	0	0	0.375978	0	0	0
E2F2-JUP	0	0	0	0	0	0	0	0.312933	0	0
APC2-CCND1	0	0	0.33304	0	0	0	0	0	0	0
FZD6-WNT9B	0	0	0	0	0	0	0	0.211723	0	0
EGF-ILK	0	0	0	0	0	0	0	0	0.210237	0
TP53-WNT6	0	0.21094	0	0	0	0	0	0	0	0
HIF1A-TGFB2	0	0	0	0.575294	0	0	0	0	0	0
SHC4-TERC	0	0	0	0	0	0	0	0.220484	0	0
LRP6-NCOA3	0	0.227822	0	0	0	0	0	0	0	0
JUN-MYC	0	0.347691	0	0	0	0	0	0	0	0
PDGFRA-PDGFRB	0	0	0	0	0	0	0.575302	0	0	0
BAX-CDKN1A	0	0	0.26235	0	0	0	0	0	0	0
APC2-DCC	0	0	0.373711	0	0	0	0	0	0	0
HIF1A-PIK3R3	0	0	0	0.42519	0	0	0	0	0	0
FZD4-FZD5	0	0.602973	0	0	0	0	0	0	0	0

E2F1-TCF7L1	0	0	0	0	0.211978	0	0	0	0	0
DAPK3-EGFR	0.600963	0	0	0	0	0	0	0	0	0
FZD7-IGF1R	0	0	0	0	0.396828	0	0	0	0	0
FGF22-WNT6	0	0	0	0	0	0	0	0.272538	0	0
AKT3-ERG	0	0	0	0	0	0	0.200462	0	0	0
TGFB3-WNT5B	0	0	0	0	0.253042	0	0	0	0	0
CDKN1A-GSTA1	0	0	0	0	0.221196	0	0	0	0	0
CDK6-KIT	0	0.276958	0	0	0	0	0	0	0	0
BBC3-BCL2L11	0	0	0.287734	0	0	0	0	0	0	0
E2F3-MMP9	0	0	0	0	0	0	0.265107	0	0	0
PRKCB-TGFBR2	0	0	0	0	0.249993	0	0	0	0	0
FZD10-GADD45G	0	0	0	0	0	0	0	0.279949	0	0
FGFR3-RASSF1	0.223297	0	0	0	0	0	0	0	0	0
APC-PIK3R1	0	0	0	0	0.283175	0	0	0	0	0
GADD45G-HRAS	0	0	0	0	0	0.231402	0	0	0	0
GSTA5-HGF	0	0	0	0	0.370308	0	0	0	0	0
IGF1-SPINT1	0	0	0	0	0	0	0.287503	0	0	0
PIK3CA-SHC2	0	0	0	0	0.29775	0	0	0	0	0
LRP6-TGFB2	0	0	0	0	0	0	0	0.321439	0	0
GADD45A-TP53	0	0	0	0	0	0	0	0	0.402192	0
MYC-WNT9A	0	0	0	0	0	0	0	0.202714	0	0
WNT1-WNT2B	0	0	0	0	0	0	0	0.210404	0	0
EGF-GADD45G	0	0	0	0	0	0	0	0	0	0.262156
AKT3-CDK6	0	0	0	0	0	0.461905	0	0	0	0
HGF-NRAS	0	0	0	0.460844	0	0	0	0	0	0
CDK4-E2F1	0.504318	0	0	0	0	0	0	0	0	0
PIK3R2-TGFB2	0	0	0.354578	0	0	0	0	0	0	0
HMOX1-SMARCC2	0	0	0	0	0.319077	0	0	0	0	0
PAK7-PIK3R3	0	0	0	0.319177	0	0	0	0	0	0
MAPK1-TYMP	0.388016	0	0	0	0	0	0	0	0	0
JUP-SMAD3	0	0	0	0	0	0	0	0.339906	0	0
MAPK3-TGFB2	0	0	0.291844	0	0	0	0	0	0	0
AR-MAP2K2	0	0	0	0	0	0	0.243045	0	0	0
CDH1-CDKN1B	0	0	0	0	0	0	0	0.253328	0	0
EGFR-SP1	0	0.499816	0	0	0	0	0	0	0	0
E2F2-WNT7A	0	0	0	0	0	0	0	0.286218	0	0
MYC-PAX8	0	0	0	0	0	0	0	0	0.244783	0
FGF2-WNT4	0	0.213342	0	0	0	0	0	0	0	0
MAP2K2-WNT9B	0	0	0	0	0	0	0	0.202806	0	0
CDH1-DAPK3	0.418746	0	0	0	0	0	0	0	0	0
APC-SHH	0	0	0	0	0	0	0	0.225794	0	0
RPS6KB2-TGFB2	0	0	0	0	0	0	0	0.389136	0	0
E2F2-SRC	0.291929	0	0	0	0	0	0	0	0	0
PRKCB-WNT7B	0	0	0	0	0.20279	0	0	0	0	0
CDKN1A-VEGFA	0.444305	0	0	0	0	0	0	0	0	0
LEF1-TCF7L1	0	0	0	0	0	0	0	0	0.419803	0
DLL1-WNT6	0	0.2832	0	0	0	0	0	0	0	0
HRAS-MMP2	0.625239	0	0	0	0	0	0	0	0	0
APC2-PIK3R3	0	0	0.305233	0	0	0	0	0	0	0
APC2-PIK3R2	0	0	0	0	0	0	0	0	0	0.519322
BAK1-TCF7L2	0	0	0	0	0	0	0	0	0.43716	0
EGFR-RPS6KB1	0	0.23784	0	0	0	0	0	0	0	0
TGFB2-VEGFA	0	0	0	0.258959	0	0	0	0	0	0
CDKN1A-HSP90AA1	0	0	0	0	0	0	0.224199	0	0	0
DVL1-MAP2K2	0	0.678865	0	0	0	0	0	0	0	0
FGFR2-WNT9A	0	0	0	0	0	0	0	0.219928	0	0
FGF10-IGF1	0	0.41654	0	0	0	0	0	0	0	0

FGF10-NOTCH2	0	0.274742	0	0	0	0	0	0	0	0	0
ABCB1-PIK3R1	0	0	0	0	0	0	0	0.237809	0	0	0
MMP9-TYMP	0.227783	0	0	0	0	0	0	0	0	0	0
FGF2-PTEN	0	0.37559	0	0	0	0	0	0	0	0	0
FZD6-TGFB2	0	0	0	0	0.301957	0	0	0	0	0	0
FGF17-TGFB3	0	0	0	0	0	0	0	0.210265	0	0	0
E2F3-PIK3CD	0	0	0	0	0	0	0	0.431538	0	0	0
APC-BRAF	0	0.223134	0	0	0	0	0	0	0	0	0
EGFR-MAPK1	0.667522	0	0	0	0	0	0	0	0	0	0
TERT-WNT9A	0	0	0	0	0	0	0	0.232533	0	0	0
MMP2-UPK3A	0.340976	0	0	0	0	0	0	0	0	0	0
AKT2-KIT	0	0.238975	0	0	0	0	0	0	0	0	0
CREB3L1-PIK3R2	0	0	0	0	0	0	0.216662	0	0	0	0
CDKN1A-PIK3CB	0	0	0	0	0	0	0	0	0	0.255828	0
ESR1-TNFSF11	0	0.241926	0	0	0	0	0	0	0	0	0
CREB3L1-PIK3R1	0	0	0	0	0	0	0.360255	0	0	0	0
IGF1-PTEN	0	0	0	0	0	0	0.766538	0	0	0	0
DAPK2-SRC	0.437758	0	0	0	0	0	0	0	0	0	0
AREG-CYCS	0	0	0.315456	0	0	0	0	0	0	0	0
EREG-TGFB3	0	0	0.247358	0	0	0	0	0	0	0	0
FLT4-WNT9B	0	0.255375	0	0	0	0	0	0	0	0	0
SHC4-TGFB2	0	0	0	0	0	0	0	0.254997	0	0	0
KIT-PIK3R1	0	0.343351	0	0	0	0	0	0	0	0	0
EGFR-TCF7L1	0	0	0	0	0	0	0	0	0	0.231769	0
EGFR-TCF7L2	0	0	0.632006	0	0	0	0	0	0	0	0
ABCB1-WNT9B	0	0	0	0	0	0	0	0.208259	0	0	0
SMAD3-WNT3A	0	0	0	0	0	0	0	0.395171	0	0	0
AKT3-TGFA	0	0	0.276802	0	0	0	0	0	0	0	0
KRAS-VEGFA	0.320004	0	0	0	0	0	0	0	0	0	0
GADD45B-TGFB1	0	0	0	0	0	0	0	0.392181	0	0	0
CTNNA2-LEF1	0	0	0	0	0	0	0	0	0	0.398919	0
DVL3-WNT9A	0	0	0	0	0	0	0	0.231254	0	0	0
MAPK10-MAPK3	0	0	0.247329	0	0	0	0	0	0	0	0
ERG-FGFR2	0	0	0	0	0	0	0.444015	0	0	0	0
FGF1-GADD45B	0	0.211917	0	0	0	0	0	0	0	0	0
PDGFC-SRD5A2	0	0	0	0	0	0	0.268861	0	0	0	0
E2F3-ERG	0	0	0	0	0	0	0.211752	0	0	0	0
CCNE1-ZEB1	0	0	0	0	0	0	0.233613	0	0	0	0
LEF1-RAC2	0	0	0.475099	0	0	0	0	0	0	0	0
APC2-CYCS	0	0	0.511408	0	0	0	0	0	0	0	0
SMAD3-TCF7L2	0	0	0.444385	0	0	0	0	0	0	0	0
CDH1-CDKN2B	0	0	0	0	0	0	0	0.327944	0	0	0
FZD1-LEF1	0	0.23926	0	0	0	0	0	0	0	0	0
TCF7L2-TGFB3	0	0	0	0	0.273169	0	0	0	0	0	0
MAPK10-TCF7L1	0	0	0.278045	0	0	0	0	0	0	0	0
APC-CTNNA3	0	0	0	0	0	0	0	0	0	0.552875	0
PIK3CA-SHH	0	0	0	0	0	0	0	0.237166	0	0	0
TCF7-TCF7L1	0	0	0	0	0	0	0	0	0	0.56786	0
DVL1-FGF6	0	0.241834	0	0	0	0	0	0	0	0	0
CSNK1A1-FGF1	0	0	0	0	0	0	0	0.21201	0	0	0
AKT3-SOS2	0	0	0	0	0	0	0	0	0	0.218809	0
POLK-SHC4	0	0	0	0	0	0	0	0.254095	0	0	0
AKT3-FZD7	0	0	0	0	0	0	0	0.292733	0	0	0
CCNE1-CDKN1A	0	0	0	0	0	0	0.272182	0	0	0	0
CCND1-PIK3R1	0	0	0	0	0	0	0	0	0	0.218613	0
FZD4-IGF1	0	0.210004	0	0	0	0	0	0	0	0	0
ARAF-EGF	0	0	0	0	0	0	0.206889	0	0	0	0

THBS1-TYMP	0.201932	0	0	0	0	0	0	0	0	0	0	0
GAB1-PIK3CA	0	0	0	0	0	0	0	0	0.232259	0	0	0
AR-MTOR	0	0	0	0	0	0	0	0.472356	0	0	0	0
ETV5-PIK3R1	0	0	0	0	0	0	0	0.543257	0	0	0	0
CCND1-FGFR1	0	0	0	0	0	0	0	0.274026	0	0	0	0
CSNK1A1L-LEF1	0	0	0	0	0	0	0	0	0.283257	0	0	0
AXIN1-WNT6	0	0.304349	0	0	0	0	0	0	0	0	0	0
ERBB2-SPINT1	0	0	0	0	0	0	0	0.446768	0	0	0	0
FGF9-MYC	0	0	0	0	0	0	0	0	0.248421	0	0	0
FGF9-GADD45G	0	0	0	0	0	0	0	0	0.400907	0	0	0
MGST1-NQO1	0	0	0	0	0.23785	0	0	0	0	0	0	0
DVL3-EGFR	0	0	0	0	0	0	0	0	0.322162	0	0	0
PAK3-PIK3CA	0	0	0	0.23351	0	0	0	0	0	0	0	0
TGFB1-WNT6	0	0	0	0	0	0	0	0	0.324633	0	0	0
CASP9-PDGFR	0	0	0	0	0	0	0	0.214317	0	0	0	0
IGF1R-WNT9B	0	0	0	0	0.225052	0	0	0	0	0	0	0
AREG-FOS	0	0	0.2701	0	0	0	0	0	0	0	0	0
RARB-TGFB2	0	0	0	0	0	0	0	0	0.208174	0	0	0
PDGFR-PIK3CA	0	0	0	0	0	0	0	0.425079	0	0	0	0
GADD45B-STAT3	0	0	0	0	0	0.233153	0	0	0	0	0	0
BAX-PIK3CA	0	0	0	0	0.200303	0	0	0	0	0	0	0
ETV5-KLK3	0	0	0	0	0	0	0	0.204488	0	0	0	0
KRAS-UPK3A	0.359791	0	0	0	0	0	0	0	0	0	0	0
FGFR1-FOXO1	0	0	0	0	0	0	0	0.294702	0	0	0	0
DVL1-WNT9A	0	0.223274	0	0	0	0	0	0	0	0	0	0
ACTB-MYC	0	0	0	0	0.357324	0	0	0	0	0	0	0
BAK1-TGFB1	0	0	0	0	0.546136	0	0	0	0	0	0	0
HGF-PBRM1	0	0	0	0	0.342417	0	0	0	0	0	0	0
BAX-TCF7	0	0	0	0	0	0	0	0	0.229225	0	0	0
EGLN3-SLC2A1	0	0	0	0.454561	0	0	0	0	0	0	0	0
FGF1-WNT5B	0	0.352192	0	0	0	0	0	0	0	0	0	0
PIK3CD-PLCG1	0	0	0	0	0.395685	0	0	0	0	0	0	0
PIK3R3-SLC2A1	0	0	0	0.221284	0	0	0	0	0	0	0	0
FGF7-IGF1	0	0.306997	0	0	0	0	0	0	0	0	0	0
E2F3-EML4	0	0	0	0	0	0.250277	0	0	0	0	0	0
FZD1-SHC4	0	0.217709	0	0	0	0	0	0	0	0	0	0
BRAF-NCOA3	0	0.232992	0	0	0	0	0	0	0	0	0	0
CCNE2-TCF7L1	0	0	0	0	0	0	0	0.296376	0	0	0	0
PRKCG-WNT5A	0	0	0	0	0.278066	0	0	0	0	0	0	0
FGF2-RXRG	0	0	0	0	0	0	0	0	0.290093	0	0	0
AXIN1-CDH1	0	0	0	0	0	0	0	0	0	0	0.202945	0
ABCB1-CDK2	0	0	0	0	0	0	0	0	0.236701	0	0	0
GADD45B-MTOR	0	0	0	0	0.366829	0	0	0	0	0	0	0
FRAT1-GSTA2	0	0	0	0	0.204239	0	0	0	0	0	0	0
BAX-POLK	0	0	0	0	0	0	0	0	0	0.699625	0	0
CRK-HGF	0	0	0	0.331664	0	0	0	0	0	0	0	0
BCL2L11-PIK3CB	0	0	0.269436	0	0	0	0	0	0	0	0	0
FGF2-FRAT2	0	0.332468	0	0	0	0	0	0	0	0	0	0
PIK3R2-PIK3R3	0	0	0	0	0	0	0	0	0	0	0.303911	0
HGF-TGFBR1	0	0	0	0	0.400553	0	0	0	0	0	0	0
GSTM1-GSTM2	0	0	0	0	0.883369	0	0	0	0	0	0	0
CDK6-WNT5A	0	0	0	0	0.214306	0	0	0	0	0	0	0
EPAS1-ETS1	0	0	0	0.20818	0	0	0	0	0	0	0	0
TCF7L1-TGFB2	0	0	0.535522	0	0	0	0	0	0	0	0	0
CTNNA3-SOS2	0	0	0	0	0	0	0	0	0	0	0.455539	0
APC2-RALGDS	0	0	0.37573	0	0	0	0	0	0	0	0	0
HIF1A-VEGFA	0	0	0	0.363344	0	0	0	0	0	0	0	0

CTNNA3-SOS1	0	0	0	0	0	0	0	0	0	0.352496
APC2-MAPK8	0	0	0.309124	0	0	0	0	0	0	0
AXIN2-PIK3CD	0	0	0	0	0	0	0	0	0	0.36692
FGF20-TCF7	0	0	0	0	0	0	0	0.269277	0	0
NTRK1-TCF7L1	0	0	0	0	0	0	0	0	0.203494	0
E2F2-RB1	0.240365	0	0	0	0	0	0	0	0	0
MGST1-WNT10A	0	0	0	0	0.228139	0	0	0	0	0
DDB2-EGF	0	0	0	0	0	0	0	0	0	0.253845
CREB5-PDGFRB	0	0	0	0	0	0	0.338649	0	0	0
APC-HRAS	0	0	0	0	0	0	0	0	0	0.306798
PLCG2-PRKCB	0	0	0	0	0	0.345577	0	0	0	0
FZD10-TGFB1	0	0	0	0	0	0	0	0.21214	0	0
BAX-MAPK1	0	0	0	0	0	0	0	0	0.234122	0
EGF-GADD45B	0	0	0	0	0	0	0	0.207362	0	0
EGFR-RB1	0.600106	0	0	0	0	0	0	0	0	0
FGF3-WNT7A	0	0	0	0	0	0	0	0.346383	0	0
EGF-KIT	0	0.299357	0	0	0	0	0	0	0	0
POLK-RARB	0	0	0	0	0	0	0	0.282209	0	0
BAD-HRAS	0	0	0	0	0	0	0	0	0	0.212604
HMOX1-PIK3R2	0	0	0	0	0.419865	0	0	0	0	0
TCF7-TPM3	0	0	0	0	0	0	0	0	0.227618	0
AREG-MYC	0	0	0.311049	0	0	0	0	0	0	0
ERBB2-FGF7	0	0	0	0	0	0	0	0.245763	0	0
BAX-CDKN2A	0	0	0	0	0	0.205151	0	0	0	0
PMAIP1-TGFB2	0	0	0.282556	0	0	0	0	0	0	0
CTNNA2-GADD45A	0	0	0	0	0	0	0	0	0	0.236885
AXIN1-WNT3	0	0.392088	0	0	0	0	0	0	0	0
BRAF-PIK3CA	0	0.396576	0	0	0	0	0	0	0	0
PAK3-SOS1	0	0	0	0.217317	0	0	0	0	0	0
CCND1-ERBB2	0.465101	0	0	0	0	0	0	0	0	0
DLL1-HRAS	0	0.203685	0	0	0	0	0	0	0	0
HBEGF-NRAS	0.213805	0	0	0	0	0	0	0	0	0
JAK3-STAT5A	0	0	0	0	0	0.339924	0	0	0	0
APC2-FZD5	0	0	0	0	0	0	0	0.278542	0	0
AR-RB1	0	0	0	0	0	0	0.289402	0	0	0
FZD3-HEY1	0	0.264301	0	0	0	0	0	0	0	0
AXIN2-FZD8	0	0	0	0	0	0	0	0.329613	0	0
PDGFRA-SPINT1	0	0	0	0	0	0	0.218965	0	0	0
ETV5-INSRR	0	0	0	0	0	0	0.214216	0	0	0
ESR2-PIK3CA	0	0.303464	0	0	0	0	0	0	0	0
E2F1-PIK3R2	0	0	0	0	0.417188	0	0	0	0	0
TERT-WNT5A	0	0	0	0	0.267773	0	0	0	0	0
SHC2-SHC4	0	0	0	0	0.259674	0	0	0	0	0
WNT11-WNT9B	0	0	0	0	0	0	0	0.546407	0	0
MAPK10-TGFB3	0	0	0.376445	0	0	0	0	0	0	0
RXRG-WNT6	0	0	0	0	0	0	0	0.238872	0	0
CDKN2A-FZD10	0	0	0	0	0.235069	0	0	0	0	0
FZD5-WNT7A	0	0	0	0	0	0	0	0.451272	0	0
EGF-MAPK3	0	0.223993	0	0	0	0	0	0	0	0
RPS6KA5-VEGFA	0.270143	0	0	0	0	0	0	0	0	0
EGF-MAPK1	0	0	0	0	0	0	0	0	0	0.242362
PAK2-TGFB2	0	0	0	0.447206	0	0	0	0	0	0
E2F3-TERT	0	0	0	0	0	0	0	0.203225	0	0
WNT11-WNT3	0	0	0	0	0	0	0	0.283957	0	0
MYC-WNT7A	0	0	0	0	0	0	0	0.244773	0	0
BRAF-CDKN1A	0	0	0	0	0	0.214374	0	0	0	0
FZD4-PIK3R3	0	0	0	0	0	0	0	0.30704	0	0

FZD4-PIK3R2	0	0.22517	0	0	0	0	0	0	0	0	0
FZD4-PIK3R1	0	0	0	0	0	0	0	0.226804	0	0	0
CDKN1A-SMARCD2	0	0	0	0	0.307099	0	0	0	0	0	0
EGFR-EP300	0	0	0	0	0	0	0.408155	0	0	0	0
ABCB1-SOS1	0	0	0	0	0	0	0	0.239398	0	0	0
FGFR2-TGFBR1	0	0	0	0	0	0	0	0.266241	0	0	0
GSTP1-PLAU	0	0	0	0	0	0	0.316313	0	0	0	0
THBS1-TP53	0.272284	0	0	0	0	0	0	0	0	0	0
APC-LRP6	0	0.31302	0	0	0	0	0	0	0	0	0
JUP-WNT3A	0	0	0	0	0	0	0	0.225164	0	0	0
APC-GAB1	0	0	0	0	0	0	0	0.250511	0	0	0
CDKN1A-LEF1	0	0	0	0	0	0	0	0	0	0.375591	0
E2F2-PRKCB	0	0	0	0	0	0.262058	0	0	0	0	0
GSTA4-GSTM3	0	0	0	0	0.218749	0	0	0	0	0	0
CDH17-TGFB1	0	0	0	0	0	0	0	0.221617	0	0	0
MMP9-MYC	0.278133	0	0	0	0	0	0	0	0	0	0
CTNNA3-ILK	0	0	0	0	0	0	0	0	0	0.397331	0
FGF2-FGF6	0	0.379002	0	0	0	0	0	0	0	0	0
FGF2-FGF7	0	0	0	0	0	0	0	0.224244	0	0	0
WNT10A-WNT4	0	0	0	0	0	0	0	0.856979	0	0	0
AXIN2-LRP6	0	0	0	0	0	0	0	0.352	0	0	0
FGF7-HGF	0	0	0	0	0	0	0	0.311834	0	0	0
MAPK3-PAK7	0	0	0	0.293949	0	0	0	0	0	0	0
FGF16-FGF9	0	0.293962	0	0	0	0	0	0	0	0	0
PDGFRA-PIK3CD	0	0	0	0	0	0	0.21582	0	0	0	0
EGFR-SMARCD3	0	0	0	0	0.219212	0	0	0	0	0	0
AKT3-HGF	0	0	0	0	0.629438	0	0	0	0	0	0
RXRG-TGFB3	0	0	0	0	0	0	0	0.307307	0	0	0
APC2-TGFBR2	0	0	0.267471	0	0	0	0	0	0	0	0
FZD7-SHC3	0	0	0	0	0	0	0	0.26341	0	0	0
HRAS-KRAS	0	0.535236	0	0	0	0	0	0	0	0	0
BRAF-VEGFA	0.529511	0	0	0	0	0	0	0	0	0	0
PTEN-SRD5A2	0	0	0	0	0	0	0.324218	0	0	0	0
FGF20-WNT16	0	0	0	0	0	0	0	0.238865	0	0	0
E2F3-RXRG	0	0	0	0	0	0.291315	0	0	0	0	0
AR-EP300	0	0	0	0	0	0	0.475599	0	0	0	0
HEYL-IGF1	0	0.339035	0	0	0	0	0	0	0	0	0
TGFB1-TGFB3	0	0	0	0.289113	0	0	0	0	0	0	0
HRAS-PDGFRA	0	0	0	0	0	0	0.242401	0	0	0	0
FZD9-SHC3	0	0	0	0	0	0	0	0.238497	0	0	0
BCL2L11-TCF7L2	0	0	0.668687	0	0	0	0	0	0	0	0
EGF-TMPRSS2	0	0	0	0	0	0	0.276341	0	0	0	0
HRAS-POLK	0	0	0	0	0	0	0	0	0.543053	0	0
FGF19-WNT8A	0	0	0	0	0	0	0	0.303849	0	0	0
FGFR2-PIK3CD	0	0	0	0	0	0	0.349245	0	0	0	0
BAX-CDH1	0	0	0	0	0	0	0	0	0.343679	0	0
SHC2-WNT6	0	0.2648	0	0	0	0	0	0	0	0	0
HRAS-WNT7B	0	0	0	0	0	0	0	0.296655	0	0	0
DDB2-WNT6	0	0.333317	0	0	0	0	0	0	0	0	0
DDB2-WNT4	0	0	0	0	0.324536	0	0	0	0	0	0
TCF7-WNT1	0	0	0	0	0.349147	0	0	0	0	0	0
EGF-LRP5	0	0	0	0	0	0	0	0.291853	0	0	0
TMPRSS2-ZEB1	0	0	0	0	0	0	0.224658	0	0	0	0
LEF1-PAX8	0	0	0	0	0	0	0	0	0.23077	0	0
BAK1-TGFB2	0	0	0	0	0	0	0	0.286357	0	0	0
E2F1-GADD45A	0	0	0	0	0.208409	0	0	0	0	0	0
IGF1-SRD5A2	0	0	0	0	0	0	0.340752	0	0	0	0

CDX2-FRAT2	0	0	0	0	0	0	0	0.294757	0	0
EGF-MAP2K2	0	0	0	0	0	0	0	0.300648	0	0
AXIN1-TERT	0	0	0	0	0	0	0	0.353846	0	0
BAK1-E2F2	0	0	0	0	0	0.216241	0	0	0	0
WNT2B-WNT4	0	0	0	0	0	0	0	0.325892	0	0
BAK1-E2F1	0	0.223842	0	0	0	0	0	0	0	0
CCNE1-ERG	0	0	0	0	0	0	0.282308	0	0	0
E2F2-PDGFD	0	0	0	0	0	0	0.240653	0	0	0
RB1-WNT7A	0	0	0	0	0	0	0	0.235072	0	0
BAK1-HMOX1	0	0	0	0	0.331096	0	0	0	0	0
E2F2-PDGFA	0	0	0	0	0	0	0.247609	0	0	0
PAK4-PIK3CA	0	0	0	0.207777	0	0	0	0	0	0
HGF-SOS1	0	0	0	0.340607	0	0	0	0	0	0
KLK3-SOS2	0	0	0	0	0	0	0.248	0	0	0
JUP-PIK3R2	0	0	0	0	0	0	0	0.354804	0	0
FGF7-SHC4	0	0	0	0	0	0	0	0.249771	0	0
CDKN1A-FZD4	0	0	0	0	0.414026	0	0	0	0	0
CCNE2-RXRA	0	0	0	0	0	0	0	0.262783	0	0
MAP2K2-PAK4	0	0	0	0.202437	0	0	0	0	0	0
GADD45B-PLCG1	0	0	0	0	0.268536	0	0	0	0	0
BAX-NFKB2	0	0.276097	0	0	0	0	0	0	0	0
FRAT1-FZD10	0	0	0	0	0	0	0	0.325432	0	0
CTNNB1-WNT8B	0	0.218621	0	0	0	0	0	0	0	0
FRAT2-WNT10A	0	0	0	0	0	0	0	0.260114	0	0
CCNE1-FGF9	0	0	0	0	0	0	0	0.3249	0	0
APC-APC2	0	0	0.354351	0	0	0	0	0	0	0
FGF23-FGF4	0	0	0	0	0	0	0	0.344826	0	0
GSTA4-PRKCG	0	0	0	0	0.223649	0	0	0	0	0
GSTM4-TGFB3	0	0	0	0	0.209727	0	0	0	0	0
WNT11-WNT16	0	0	0	0	0	0	0	0.206483	0	0
SHC3-SHC4	0	0	0	0	0	0	0	0.26989	0	0
BRAF-CDKN2A	0.269661	0	0	0	0	0	0	0	0	0
CDH1-FGF19	0	0	0	0	0	0	0	0.259991	0	0
MYC-THBS1	0.756668	0	0	0	0	0	0	0	0	0
BRCA2-POLK	0	0.208289	0	0	0	0	0	0	0	0
FGFR1-PDGFRB	0	0	0	0	0	0	0.693276	0	0	0
ESR1-WNT5A	0	0.321805	0	0	0	0	0	0	0	0
FZD3-FZD7	0	0.287914	0	0	0	0	0	0	0	0
FZD3-FZD6	0	0	0	0	0.373723	0	0	0	0	0
ESR2-PTEN	0	0.278544	0	0	0	0	0	0	0	0
FGF19-WNT9B	0	0	0	0	0	0	0	0.360625	0	0
CDH1-EGF	0.223583	0	0	0	0	0	0	0	0	0
LEF1-SHC4	0	0.272347	0	0	0	0	0	0	0	0
AR-CTNNB1	0	0	0	0	0	0	0.204811	0	0	0
FZD4-PRKCA	0	0	0	0	0.411207	0	0	0	0	0
E2F3-EGFR	0.524417	0	0	0	0	0	0	0	0	0
HGF-RB1	0	0	0	0	0.521978	0	0	0	0	0
CDKN1A-CDX2	0	0	0	0	0	0	0	0.260874	0	0
FGFR2-WNT3A	0	0	0	0	0	0	0	0.238399	0	0
CCNE2-GSTP1	0	0	0	0	0	0	0.274551	0	0	0
EGFR-WNT7B	0	0	0	0	0	0	0	0.254408	0	0
HGF-PAK4	0	0	0	0.509678	0	0	0	0	0	0
BCL2-ERBB2	0	0	0	0	0	0	0.329061	0	0	0
PIK3CD-WNT10B	0	0	0	0	0.265426	0	0	0	0	0
FLCN-HIF1A	0	0	0	0.418806	0	0	0	0	0	0
FZD10-WNT5A	0	0	0	0	0	0	0	0.290389	0	0
EGF-FZD8	0	0	0	0	0	0	0	0.250302	0	0

HGF-TGFB1	0	0	0	0	0.200579	0	0	0	0	0
AR-GSK3B	0	0	0	0	0	0	0.402521	0	0	0
LEF1-TGFB1	0	0	0	0	0	0	0	0.263395	0	0
HGF-TGFB2	0	0	0	0	0	0	0	0.268846	0	0
LRP5-SHH	0	0	0	0	0	0	0	0.278779	0	0
MAPK10-TCF7L2	0	0	0.211632	0	0	0	0	0	0	0
FH-PAK3	0	0	0	0.288165	0	0	0	0	0	0
CDK6-MTOR	0	0	0	0	0.237337	0	0	0	0	0
BRCA1-BRCA2	0	0.861477	0	0	0	0	0	0	0	0
AR-PDPK1	0	0	0	0	0	0	0.469439	0	0	0
LEF1-WNT5A	0	0	0	0	0	0	0	0.286074	0	0
AKT3-AXIN2	0	0	0	0	0	0	0	0	0	0.44474
CTNNA3-MAP2K1	0	0	0	0	0	0	0	0	0	0.693266
CDH1-NRAS	0.301344	0	0	0	0	0	0	0	0	0
TGFB1-WNT10A	0	0	0	0	0	0	0	0.204869	0	0
FGF10-HRAS	0	0	0	0	0	0	0	0.221663	0	0
EGF-MMP1	0.268355	0	0	0	0	0	0	0	0	0
RPS6KA5-THBS1	0.207165	0	0	0	0	0	0	0	0	0
FZD2-WNT3A	0	0	0	0	0	0	0	0.20248	0	0
PAK7-SOS2	0	0	0	0.313512	0	0	0	0	0	0
GADD45G-NRAS	0	0.236242	0	0	0	0	0	0	0	0
GADD45A-MYC	0	0	0	0	0	0	0	0	0.384056	0
EGFR-FZD1	0	0	0	0	0	0	0	0.368989	0	0
GSTO1-NQO1	0	0	0	0	0.234796	0	0	0	0	0
BRCA2-NOTCH2	0	0.203309	0	0	0	0	0	0	0	0
PIK3CB-TGFB2	0	0	0.28222	0	0	0	0	0	0	0
EGF-HRAS	0.257685	0	0	0	0	0	0	0	0	0
ARAF-ERG	0	0	0	0	0	0	0.213359	0	0	0
FZD7-WNT6	0	0.215784	0	0	0	0	0	0	0	0
CTNNA3-POLK	0	0	0	0	0	0	0	0	0	0.298847
WNT10B-WNT5A	0	0	0	0	0	0	0	0.243376	0	0
PIK3R1-SMARCA2	0	0	0	0	0.241296	0	0	0	0	0
FZD6-MAP2K2	0	0	0	0	0	0	0	0.259823	0	0
CTNNA2-FZD9	0	0	0	0	0	0	0	0.445892	0	0
GSTA1-WNT5B	0	0	0	0	0.482352	0	0	0	0	0
GSK3B-GSTP1	0	0	0	0	0	0	0.220766	0	0	0
CDKN1A-RAPGEF1	0	0	0	0.204426	0	0	0	0	0	0
JAG2-WNT6	0	0.654684	0	0	0	0	0	0	0	0
GSTA2-GSTA4	0	0	0	0	0.200585	0	0	0	0	0
HRAS-RPS6KA5	0.391954	0	0	0	0	0	0	0	0	0
CTNNA2-RXRG	0	0	0	0	0	0	0	0.270396	0	0
MAP2K2-RPS6KB2	0	0.268361	0	0	0	0	0	0	0	0
PMAIP1-RAC2	0	0	0.326744	0	0	0	0	0	0	0
CREB3L4-TCF7L1	0	0	0	0	0	0	0.301423	0	0	0
BCL2L1-CDKN1A	0	0	0	0	0.385519	0	0	0	0	0
CTNNA3-TCF7L1	0	0	0	0	0	0	0	0	0	0.305001
DDB2-WNT7A	0	0	0	0	0	0	0	0.418406	0	0
CCND1-JUP	0	0	0	0	0	0	0	0.342147	0	0
ARID2-GADD45G	0	0	0	0	0.319922	0	0	0	0	0
BCL2L11-TGFA	0	0	0.505937	0	0	0	0	0	0	0
FZD6-WNT3	0	0	0	0	0.200448	0	0	0	0	0
FZD9-WNT11	0	0.266201	0	0	0	0	0	0	0	0
IGF1R-PRKCB	0	0	0	0	0.298184	0	0	0	0	0
LEF1-PPARG	0	0	0	0	0	0	0	0	0.274619	0
DVL1-FZD9	0	0.306796	0	0	0	0	0	0	0	0
APC2-FOXO3	0	0	0	0	0	0	0	0	0	0.274988
APC2-TGFB1	0	0	0.295465	0	0	0	0	0	0	0

