

Supplementary Table S1. List of 300 genes included in the targeted capture massively parallel sequencing assay and frequency of mutations affecting these genes in endometrial clear cell carcinomas from this study and endometrial endometrioid and endometrial serous carcinomas from The Cancer Genome Atlas (TCGA) dataset.

Gene Symbol	Endometrial Clear Cell Carcinomas (n=30)		Endometrial Endometrioid Carcinomas from TCGA (n=200)		p-value	adjusted p-value	Endometrial serous carcinomas from TCGA (n=44)		p-value	adjusted p-value	Endometrial Clear Cell Carcinomas without POLE cases (n=28)		Endometrial Endometrioid Carcinomas from TCGA without POLE (n=183)		p-value	adjusted p-value	Endometrial serous carcinomas from TCGA (n=44)		p-value	adjusted p-value
	Cases altered (n)	Cases altered (%)	Cases altered (n)	Cases altered (%)			Cases altered (n)	Cases altered (%)			Cases altered (n)	Cases altered (%)	Cases altered (n)	Cases altered (%)			Cases altered (n)	Cases altered (%)		
ABL1	2	6.67%	8	4.00%	0.6233	1.0000	0	0.00%	0.1611	0.5388	1	3.57%	6	3.28%	1.0000	1.0000	0	0.00%	0.3889	1.0000
ABL2	1	3.33%	13	6.50%	0.7009	1.0000	2	4.55%	1.0000	1.0000	0	0.00%	4	2.19%	1.0000	1.0000	2	4.55%	0.5180	1.0000
AKT1	3	10.00%	4	2.00%	0.0490	0.8796	0	0.00%	0.0626	0.5388	1	3.57%	3	1.64%	0.4367	1.0000	0	0.00%	0.3889	1.0000
AKT2	2	6.67%	6	3.00%	0.2802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
AKT3	1	3.33%	8	4.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	1	3.57%	1	0.55%	0.2483	1.0000	1	2.27%	1.0000	1.0000
ALK	2	6.67%	15	7.50%	1.0000	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	7	3.83%	0.5976	1.0000	1	2.27%	1.0000	1.0000
ALOX12B	3	10.00%	7	3.50%	0.1275	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	2	1.09%	0.3490	1.0000	1	2.27%	1.0000	1.0000
APC	4	13.33%	27	13.50%	1.0000	1.0000	2	4.55%	0.2151	0.6561	2	7.14%	12	6.56%	1.0000	1.0000	2	4.55%	0.6395	1.0000
AR	2	6.67%	14	7.00%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	7	3.83%	0.5976	1.0000	0	0.00%	1.0000	1.0000
ARAF	1	3.33%	10	5.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ARHGAP26	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ARID1A	8	26.67%	78	39.00%	0.2282	1.0000	4	9.09%	0.0577	0.5388	6	21.43%	65	35.52%	0.1972	1.0000	4	9.09%	0.1723	1.0000
ARID1B	2	6.67%	10	5.00%	0.6595	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	9	4.92%	0.6108	1.0000	0	0.00%	1.0000	1.0000
ARID2	2	6.67%	13	6.50%	1.0000	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	5	2.73%	1.0000	1.0000	1	2.27%	1.0000	1.0000
ASXL1	1	3.33%	13	6.50%	0.7009	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ATM	5	16.67%	28	14.00%	0.7794	1.0000	1	2.27%	0.0371	0.5388	3	10.71%	14	7.65%	0.4783	1.0000	1	2.27%	0.2920	1.0000
ATR	3	10.00%	19	9.50%	1.0000	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	8	4.37%	1.0000	1.0000	1	2.27%	1.0000	1.0000
ATRX	3	10.00%	24	12.00%	1.0000	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	9	4.92%	1.0000	1.0000	0	0.00%	0.3889	1.0000
AURKA	0	0.00%	2	1.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
BAP1	2	6.67%	10	5.00%	0.6595	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	6	3.28%	1.0000	1.0000	0	0.00%	1.0000	1.0000
BCL2L1	2	6.67%	3	1.50%	0.1281	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
BCL2L11	2	6.67%	5	2.50%	0.2280	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
BCL6	1	3.33%	12	6.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
BCOR	4	13.33%	30	15.00%	1.0000	1.0000	0	0.00%	0.0238	0.5388	2	7.14%	19	10.38%	1.0000	1.0000	0	0.00%	0.1479	1.0000
BIRC2	1	3.33%	9	4.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
BRAF	1	3.33%	6	3.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	1	3.57%	1	0.55%	0.2483	1.0000	1	2.27%	1.0000	1.0000
BRCA1	2	6.67%	12	6.00%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
BRCA2	2	6.67%	24	12.00%	0.5437	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	11	6.01%	0.3664	1.0000	0	0.00%	1.0000	1.0000
BUB1B	1	3.33%	5	2.50%	0.5720	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	1	2.27%	1.0000	1.0000
CARD11	1	3.33%	16	8.00%	0.7058	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	9	4.92%	0.6108	1.0000	0	0.00%	1.0000	1.0000
CBL	2	6.67%	10	5.00%	0.6595	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	6	3.28%	1.0000	1.0000	1	2.27%	1.0000	1.0000
CBLB	1	3.33%	11	5.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CBLC	1	3.33%	5	2.50%	0.5720	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CCND1	1	3.33%	15	7.50%	0.7014	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	12	6.56%	0.3743	1.0000	0	0.00%	1.0000	1.0000
CCND2	1	3.33%	6	3.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CCND3	2	6.67%	4	2.00%	0.1768	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CCNE1	0	0.00%	5	2.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CD79B	0	0.00%	2	1.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDC42EP2	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDC73	1	3.33%	14	7.00%	0.6996	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	5	2.73%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDH1	1	3.33%	13	6.50%	0.7009	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	7	3.83%	0.5976	1.0000	0	0.00%	1.0000	1.0000
CDH11	1	3.33%	12	6.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	5	2.73%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDK12	2	6.67%	10	5.00%	0.6595	1.0000	2	4.55%	1.0000	1.0000	0	0.00%	4	2.19%	1.0000	1.0000	2	4.55%	0.5180	1.0000
CDK4	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000

CDK6	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDK8	2	6.67%	4	2.00%	0.1768	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDKN1A	1	3.33%	1	0.50%	0.2444	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDKN2A	0	0.00%	2	1.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDKN2B	1	3.33%	0	0.00%	0.1304	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CDKN2C	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CEBPA	1	3.33%	0	0.00%	0.1304	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CHEK1	1	3.33%	2	1.00%	0.3438	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CHEK2	1	3.33%	12	6.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
CIC	1	3.33%	16	8.00%	0.7058	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	10	5.46%	0.3652	1.0000	1	2.27%	1.0000	1.0000
CREBBP	3	10.00%	21	10.50%	1.0000	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	11	6.01%	1.0000	1.0000	1	2.27%	1.0000	1.0000
CRKL	0	0.00%	6	3.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
CRLF2	3	10.00%	4	2.00%	0.0490	0.8796	1	2.27%	0.2971	0.6561	1	3.57%	1	0.55%	0.2483	1.0000	1	2.27%	1.0000	1.0000
CSF1R	1	3.33%	5	2.50%	0.5720	1.0000	0	0.00%	0.4054	0.6561	1	3.57%	2	1.09%	0.3490	1.0000	0	0.00%	0.3889	1.0000
CTCF	2	6.67%	45	22.50%	0.0514	0.8796	0	0.00%	0.1611	0.5388	0	0.00%	38	20.77%	0.0033	0.1656	0	0.00%	1.0000	1.0000
CTNNB1	2	6.67%	74	37.00%	0.0006	0.0452	0	0.00%	0.1611	0.5388	0	0.00%	67	36.61%	0.0000	0.0000	0	0.00%	1.0000	1.0000
CYLD	1	3.33%	12	6.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	1	2.27%	1.0000	1.0000
DAXX	3	10.00%	7	3.50%	0.1275	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	1	0.55%	0.2483	1.0000	1	2.27%	1.0000	1.0000
DDR2	2	6.67%	12	6.00%	1.0000	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
DICER1	4	13.33%	21	10.50%	0.7517	1.0000	2	4.55%	0.2151	0.6561	2	7.14%	8	4.37%	0.6253	1.0000	2	4.55%	0.6395	1.0000
DIS3	1	3.33%	9	4.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
DNMT1	2	6.67%	9	4.50%	0.6403	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
DNMT3A	1	3.33%	8	4.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
DNMT3B	2	6.67%	13	6.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
E2F3	1	3.33%	4	2.00%	0.5061	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EGFR	1	3.33%	8	4.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EIF4EBP1	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EP300	1	3.33%	21	10.50%	0.3238	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	13	7.10%	0.2242	1.0000	0	0.00%	1.0000	1.0000
EPHA10	1	3.33%	13	6.50%	0.7009	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	8	4.37%	0.6009	1.0000	1	2.27%	1.0000	1.0000
EPHA2	1	3.33%	5	2.50%	0.5720	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EPHA3	3	10.00%	13	6.50%	0.4460	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	4	2.19%	0.5129	1.0000	0	0.00%	0.3889	1.0000
EPHA4	2	6.67%	13	6.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	1	3.57%	6	3.28%	1.0000	1.0000	0	0.00%	0.3889	1.0000
EPHA5	4	13.33%	18	9.00%	0.5020	1.0000	2	4.55%	0.2151	0.6561	2	7.14%	11	6.01%	0.6848	1.0000	2	4.55%	0.6395	1.0000
EPHA6	2	6.67%	11	5.50%	0.6802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EPHA7	2	6.67%	6	3.00%	0.2802	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
EPHA8	1	3.33%	11	5.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EPHB1	2	6.67%	17	8.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EPHB2	2	6.67%	11	5.50%	0.6802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	5	2.73%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EPHB3	2	6.67%	6	3.00%	0.2802	1.0000	0	0.00%	0.1611	0.5388	1	3.57%	2	1.09%	0.3490	1.0000	0	0.00%	0.3889	1.0000
EPHB4	1	3.33%	4	2.00%	0.5061	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
EPHB6	1	3.33%	10	5.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ERBB2	3	10.00%	8	4.00%	0.1601	1.0000	0	0.00%	0.0626	0.5388	2	7.14%	6	3.28%	0.2874	1.0000	0	0.00%	0.1479	1.0000
ERBB3	3	10.00%	16	8.00%	0.7212	1.0000	1	2.27%	0.2971	0.6561	2	7.14%	10	5.46%	0.6633	1.0000	1	2.27%	0.5559	1.0000
ERBB4	3	10.00%	14	7.00%	0.4713	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	4	2.19%	0.5129	1.0000	1	2.27%	1.0000	1.0000
ERCC2	1	3.33%	0	0.00%	0.1304	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
ERCC5	2	6.67%	11	5.50%	0.6802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ERG	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ESR1	0	0.00%	11	5.50%	0.3672	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	7	3.83%	0.5976	1.0000	0	0.00%	1.0000	1.0000
ETV1	2	6.67%	8	4.00%	0.6233	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ETV6	3	10.00%	5	2.50%	0.0714	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	1	0.55%	0.2483	1.0000	0	0.00%	0.3889	1.0000
EZH2	1	3.33%	12	6.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
AMER1	0	0.00%	17	8.50%	0.1380	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	6	3.28%	1.0000	1.0000	1	2.27%	1.0000	1.0000

FAM46C	1	3.33%	5	2.50%	0.5720	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FAS	1	3.33%	8	4.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FAT1	3	10.00%	38	19.00%	0.3098	1.0000	2	4.55%	0.3895	0.6561	1	3.57%	25	13.66%	0.2137	1.0000	2	4.55%	1.0000	1.0000
FAT4	4	13.33%	37	18.50%	0.6146	1.0000	3	6.82%	0.4312	0.6941	2	7.14%	20	10.93%	0.7455	1.0000	3	6.82%	1.0000	1.0000
FBXO11	2	6.67%	7	3.50%	0.3323	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FBXW7	8	26.67%	24	12.00%	0.0445	0.8796	14	31.82%	0.7964	1.0000	7	25.00%	10	5.46%	0.0027	0.1625	14	31.82%	0.6026	1.0000
FGFR1	1	3.33%	9	4.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FGFR2	3	10.00%	27	13.50%	0.7751	1.0000	4	9.09%	1.0000	1.0000	1	3.57%	22	12.02%	0.3251	1.0000	4	9.09%	0.6422	1.0000
FGFR3	2	6.67%	4	2.00%	0.1768	1.0000	1	2.27%	0.5622	0.7871	1	3.57%	0	0.00%	0.1327	1.0000	1	2.27%	1.0000	1.0000
FGFR4	2	6.67%	11	5.50%	0.6802	1.0000	1	2.27%	0.5622	0.7871	1	3.57%	7	3.83%	1.0000	1.0000	1	2.27%	1.0000	1.0000
FH	0	0.00%	7	3.50%	0.5987	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FKBP1A	0	0.00%	1	0.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FLCN	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FLT1	2	6.67%	13	6.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FLT3	2	6.67%	9	4.50%	0.6403	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FLT4	2	6.67%	7	3.50%	0.3323	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	2	1.09%	1.0000	1.0000	1	2.27%	1.0000	1.0000
FOXL2	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
FUBP1	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
GATA1	1	3.33%	7	3.50%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
GATA2	0	0.00%	2	1.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
GATA3	2	6.67%	2	1.00%	0.0836	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
GLI1	2	6.67%	10	5.00%	0.6595	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
GLI3	3	10.00%	19	9.50%	1.0000	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	9	4.92%	1.0000	1.0000	1	2.27%	1.0000	1.0000
GNA11	1	3.33%	2	1.00%	0.3438	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
GNAQ	1	3.33%	3	1.50%	0.4305	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
GNAS	2	6.67%	17	8.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	10	5.46%	0.3652	1.0000	0	0.00%	1.0000	1.0000
GOLPH3	1	3.33%	4	2.00%	0.5061	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
GRIN2A	2	6.67%	19	9.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	6	3.28%	1.0000	1.0000	0	0.00%	1.0000	1.0000
GRM3	1	3.33%	12	6.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	4	2.19%	1.0000	1.0000	1	2.27%	1.0000	1.0000
GSK3B	1	3.33%	9	4.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
HDAC2	1	3.33%	5	2.50%	0.5720	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
HIF1A	1	3.33%	9	4.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
HLA-A	3	10.00%	1	0.50%	0.0074	0.4455	0	0.00%	0.0626	0.5388	3	10.71%	1	0.55%	0.0077	0.3311	0	0.00%	0.0549	1.0000
HMGA2	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
HNF1A	4	13.33%	6	3.00%	0.0284	0.8548	1	2.27%	0.1511	0.5388	3	10.71%	4	2.19%	0.0510	1.0000	1	2.27%	0.2920	1.0000
HRAS	2	6.67%	1	0.50%	0.0455	0.8796	0	0.00%	0.1611	0.5388	1	3.57%	1	0.55%	0.2483	1.0000	0	0.00%	0.3889	1.0000
HSP90AA1	1	3.33%	6	3.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
IDH1	1	3.33%	3	1.50%	0.4305	1.0000	1	2.27%	1.0000	1.0000	1	3.57%	1	0.55%	0.2483	1.0000	1	2.27%	1.0000	1.0000
IDH2	2	6.67%	4	2.00%	0.1768	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
IGF1R	1	3.33%	11	5.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
IGFBP7	1	3.33%	6	3.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
IKBKE	2	6.67%	4	2.00%	0.1768	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
IKZF1	2	6.67%	9	4.50%	0.6403	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
IL7R	0	0.00%	6	3.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	1	2.27%	1.0000	1.0000
INPP4A	3	10.00%	16	8.00%	0.7212	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	9	4.92%	1.0000	1.0000	0	0.00%	0.3889	1.0000
INPP4B	1	3.33%	12	6.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
INSR	2	6.67%	14	7.00%	1.0000	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	8	4.37%	0.6009	1.0000	1	2.27%	1.0000	1.0000
IRF4	2	6.67%	7	3.50%	0.3323	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
IRS1	3	10.00%	11	5.50%	0.4025	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	4	2.19%	0.5129	1.0000	0	0.00%	0.3889	1.0000
IRS2	2	6.67%	0	0.00%	0.0165	0.6885	0	0.00%	0.1611	0.5388	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
JAK1	1	3.33%	14	7.00%	0.6996	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	8	4.37%	0.6009	1.0000	0	0.00%	1.0000	1.0000
JAK2	2	6.67%	13	6.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	2	7.14%	3	1.64%	0.1319	1.0000	0	0.00%	0.1479	1.0000

JAK3	2	6.67%	8	4.00%	0.6233	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	1	0.55%	1.0000	1.0000	1	2.27%	1.0000	1.0000
JUN	0	0.00%	1	0.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
KCNJ5	0	0.00%	7	3.50%	0.5987	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
KDM5C	1	3.33%	13	6.50%	0.7009	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	5	2.73%	1.0000	1.0000	1	2.27%	1.0000	1.0000
KDM6A	2	6.67%	10	5.00%	0.6595	1.0000	1	2.27%	0.5622	0.7871	1	3.57%	3	1.64%	0.4367	1.0000	1	2.27%	1.0000	1.0000
KDR	3	10.00%	14	7.00%	0.4713	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	2	1.09%	0.3490	1.0000	0	0.00%	0.3889	1.0000
KEAP1	4	13.33%	6	3.00%	0.0284	0.8548	0	0.00%	0.0238	0.5388	3	10.71%	3	1.64%	0.0320	1.0000	0	0.00%	0.0549	1.0000
KIT	2	6.67%	17	8.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	5	2.73%	1.0000	1.0000	0	0.00%	1.0000	1.0000
KLF6	0	0.00%	7	3.50%	0.5987	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
KRAS	4	13.33%	52	26.00%	0.1721	1.0000	1	2.27%	0.1511	0.5388	4	14.29%	43	23.50%	0.3372	1.0000	1	2.27%	0.0714	1.0000
LDHA	2	6.67%	5	2.50%	0.2280	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
LGR6	1	3.33%	11	5.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
LMO1	0	0.00%	2	1.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MAGI2	3	10.00%	14	7.00%	0.4713	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	3	1.64%	0.4367	1.0000	0	0.00%	0.3889	1.0000
MAP2K1	1	3.33%	2	1.00%	0.3438	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MAP2K2	1	3.33%	3	1.50%	0.4305	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	1	2.27%	1.0000	1.0000
MAP2K4	1	3.33%	8	4.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MAP3K1	5	16.67%	21	10.50%	0.3511	1.0000	0	0.00%	0.0088	0.5388	3	10.71%	8	4.37%	0.1660	1.0000	0	0.00%	0.0549	1.0000
MAP3K8	2	6.67%	9	4.50%	0.6403	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MAPK1	1	3.33%	2	1.00%	0.3438	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MCL1	0	0.00%	1	0.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MDM2	0	0.00%	4	2.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MDM4	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MED12	2	6.67%	24	12.00%	0.5437	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	13	7.10%	0.2242	1.0000	1	2.27%	1.0000	1.0000
MEF2B	1	3.33%	1	0.50%	0.2444	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MEN1	2	6.67%	7	3.50%	0.3323	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MET	3	10.00%	12	6.00%	0.4228	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	4	2.19%	0.5129	1.0000	1	2.27%	1.0000	1.0000
MITF	2	6.67%	5	2.50%	0.2280	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	2	1.09%	1.0000	1.0000	1	2.27%	1.0000	1.0000
MLH1	2	6.67%	6	3.00%	0.2802	1.0000	0	0.00%	0.1611	0.5388	1	3.57%	3	1.64%	0.4367	1.0000	0	0.00%	0.3889	1.0000
KMT2A	0	0.00%	18	9.00%	0.1397	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	6	3.28%	1.0000	1.0000	0	0.00%	1.0000	1.0000
KMT2D	0	0.00%	31	15.50%	0.0183	0.6885	2	4.55%	0.5113	0.7871	0	0.00%	18	9.84%	0.1393	1.0000	2	4.55%	0.5180	1.0000
KMT2C	0	0.00%	25	12.50%	0.0526	0.8796	1	2.27%	1.0000	1.0000	0	0.00%	12	6.56%	0.3743	1.0000	1	2.27%	1.0000	1.0000
MLST8	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MPL	4	13.33%	7	3.50%	0.0406	0.8796	0	0.00%	0.0238	0.5388	2	7.14%	2	1.09%	0.0862	1.0000	0	0.00%	0.1479	1.0000
MRE11A	2	6.67%	8	4.00%	0.6233	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MSH2	1	3.33%	8	4.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
MSH6	3	10.00%	16	8.00%	0.7212	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	4	2.19%	0.5129	1.0000	1	2.27%	1.0000	1.0000
MTOR	3	10.00%	25	12.50%	1.0000	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	12	6.56%	1.0000	1.0000	1	2.27%	1.0000	1.0000
MYB	0	0.00%	7	3.50%	0.5987	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MYC	0	0.00%	7	3.50%	0.5987	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
MYCL1	0	0.00%	2	1.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MYCN	1	3.33%	4	2.00%	0.5061	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
MYD88	2	6.67%	3	1.50%	0.1281	1.0000	0	0.00%	0.1611	0.5388	1	3.57%	0	0.00%	0.1327	1.0000	0	0.00%	0.3889	1.0000
NBN	1	3.33%	9	4.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
NCOA2	2	6.67%	11	5.50%	0.6802	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
NF1	4	13.33%	20	10.00%	0.5293	1.0000	0	0.00%	0.0238	0.5388	2	7.14%	7	3.83%	0.3405	1.0000	0	0.00%	0.1479	1.0000
NF2	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
NFE2L2	2	6.67%	15	7.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	1	3.57%	12	6.56%	1.0000	1.0000	0	0.00%	0.3889	1.0000
NFKB1	1	3.33%	8	4.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
NFKB2	2	6.67%	9	4.50%	0.6403	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	5	2.73%	1.0000	1.0000	0	0.00%	1.0000	1.0000
NKX2-1	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
NOTCH1	2	6.67%	8	4.00%	0.6233	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000

NOTCH2	1	3.33%	13	6.50%	0.7009	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	4	2.19%	1.0000	1.0000	1	2.27%	1.0000	1.0000
NOTCH3	2	6.67%	15	7.50%	1.0000	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	10	5.46%	0.3652	1.0000	1	2.27%	1.0000	1.0000
NOTCH4	1	3.33%	10	5.00%	1.0000	1.0000	2	4.55%	1.0000	1.0000	0	0.00%	6	3.28%	1.0000	1.0000	2	4.55%	0.5180	1.0000
NPM1	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
NRAS	0	0.00%	8	4.00%	0.6010	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	6	3.28%	1.0000	1.0000	1	2.27%	1.0000	1.0000
NTRK1	3	10.00%	11	5.50%	0.4025	1.0000	2	4.55%	0.3895	0.6561	1	3.57%	3	1.64%	0.4367	1.0000	2	4.55%	1.0000	1.0000
NTRK2	1	3.33%	10	5.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
NTRK3	2	6.67%	13	6.50%	1.0000	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	4	2.19%	1.0000	1.0000	1	2.27%	1.0000	1.0000
PAK7	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PALB2	2	6.67%	6	3.00%	0.2802	1.0000	2	4.55%	1.0000	1.0000	1	3.57%	3	1.64%	0.4367	1.0000	2	4.55%	1.0000	1.0000
PARK2	0	0.00%	6	3.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PARP1	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PAX5	0	0.00%	6	3.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PBRM1	2	6.67%	11	5.50%	0.6802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	7	3.83%	0.5976	1.0000	0	0.00%	1.0000	1.0000
PDGFRA	2	6.67%	12	6.00%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PDGFRB	1	3.33%	10	5.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	7	3.83%	0.5976	1.0000	0	0.00%	1.0000	1.0000
PHOX2B	1	3.33%	6	3.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PIK3C2G	2	6.67%	12	6.00%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PIK3CA	12	40.00%	110	55.00%	0.1692	1.0000	19	43.18%	0.8148	1.0000	10	35.71%	98	53.55%	0.1039	1.0000	19	43.18%	0.6250	1.0000
PIK3CB	2	6.67%	13	6.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	7	3.83%	0.5976	1.0000	0	0.00%	1.0000	1.0000
PIK3CD	1	3.33%	10	5.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	5	2.73%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PIK3CG	2	6.67%	14	7.00%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PIK3R1	7	23.33%	80	40.00%	0.1057	1.0000	2	4.55%	0.0263	0.5388	5	17.86%	69	37.70%	0.0543	1.0000	2	4.55%	0.1012	1.0000
PIK3R2	0	0.00%	6	3.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	4	2.19%	1.0000	1.0000	1	2.27%	1.0000	1.0000
PIK3R3	1	3.33%	8	4.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PKM2	0	0.00%	5	2.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PLK2	1	3.33%	9	4.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PMS2	2	6.67%	10	5.00%	0.6595	1.0000	0	0.00%	0.1611	0.5388	2	7.14%	5	2.73%	0.2341	1.0000	0	0.00%	0.1479	1.0000
PNRC1	1	3.33%	1	0.50%	0.2444	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
POLE	2	6.67%	26	13.00%	0.5475	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	9	4.92%	0.6108	1.0000	1	2.27%	1.0000	1.0000
PPP2R1A	11	36.67%	14	7.00%	0.0000	0.0000	12	27.27%	0.4484	0.7179	10	35.71%	9	4.92%	0.0000	0.0000	12	27.27%	0.6004	1.0000
PPP6C	0	0.00%	5	2.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PRDM1	3	10.00%	8	4.00%	0.1601	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	4	2.19%	0.5129	1.0000	1	2.27%	1.0000	1.0000
PREX2	2	6.67%	11	5.50%	0.6802	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	1	0.55%	1.0000	1.0000	1	2.27%	1.0000	1.0000
PRKAA2	2	6.67%	6	3.00%	0.2802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PRKAR1A	1	3.33%	3	1.50%	0.4305	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
PRKCI	1	3.33%	5	2.50%	0.5720	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
PTCH1	2	6.67%	19	9.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	9	4.92%	0.6108	1.0000	0	0.00%	1.0000	1.0000
PTEN	4	13.33%	159	79.50%	0.0000	0.0000	1	2.27%	0.1511	0.5388	2	7.14%	143	78.14%	0.0000	0.0000	1	2.27%	0.5559	1.0000
PTPN11	1	3.33%	6	3.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	1	2.27%	1.0000	1.0000
PTPRD	3	10.00%	19	9.50%	1.0000	1.0000	2	4.55%	0.3895	0.6561	1	3.57%	8	4.37%	1.0000	1.0000	2	4.55%	1.0000	1.0000
PTPRS	1	3.33%	17	8.50%	0.4806	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	11	6.01%	0.3664	1.0000	1	2.27%	1.0000	1.0000
PTPRT	2	6.67%	13	6.50%	1.0000	1.0000	2	4.55%	1.0000	1.0000	0	0.00%	6	3.28%	1.0000	1.0000	2	4.55%	0.5180	1.0000
RAC1	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
RAD50	2	6.67%	11	5.50%	0.6802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RAF1	0	0.00%	7	3.50%	0.5987	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RARA	1	3.33%	2	1.00%	0.3438	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RB1	3	10.00%	20	10.00%	1.0000	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	8	4.37%	1.0000	1.0000	0	0.00%	0.3889	1.0000
REL	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RET	0	0.00%	11	5.50%	0.3672	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	5	2.73%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RICTOR	2	6.67%	12	6.00%	1.0000	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	2	1.09%	1.0000	1.0000	1	2.27%	1.0000	1.0000
RNF43	1	3.33%	12	6.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	1	3.57%	7	3.83%	1.0000	1.0000	0	0.00%	0.3889	1.0000

ROR2	3	10.00%	9	4.50%	0.1950	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	4	2.19%	0.5129	1.0000	0	0.00%	0.3889	1.0000
ROS1	2	6.67%	18	9.00%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RPS6KB1	0	0.00%	4	2.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RPTOR	1	3.33%	8	4.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
RUNX1	0	0.00%	9	4.50%	0.6098	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SDHB	0	0.00%	2	1.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SETD2	1	3.33%	20	10.00%	0.3254	1.0000	2	4.55%	1.0000	1.0000	0	0.00%	6	3.28%	1.0000	1.0000	2	4.55%	0.5180	1.0000
SF3B1	3	10.00%	15	7.50%	0.7126	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	4	2.19%	0.5129	1.0000	0	0.00%	0.3889	1.0000
SHQ1	1	3.33%	7	3.50%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	1	0.55%	1.0000	1.0000	1	2.27%	1.0000	1.0000
SMAD2	3	10.00%	8	4.00%	0.1601	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	3	1.64%	0.4367	1.0000	0	0.00%	0.3889	1.0000
SMAD3	1	3.33%	6	3.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	1	2.27%	1.0000	1.0000
SMAD4	2	6.67%	5	2.50%	0.2280	1.0000	0	0.00%	0.1611	0.5388	1	3.57%	0	0.00%	0.1327	1.0000	0	0.00%	0.3889	1.0000
SMARCA4	5	16.67%	15	7.50%	0.1533	1.0000	0	0.00%	0.0088	0.5388	3	10.71%	9	4.92%	0.2020	1.0000	0	0.00%	0.0549	1.0000
SMARCB1	1	3.33%	6	3.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SMO	2	6.67%	4	2.00%	0.1768	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
SOCS1	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SOX2	1	3.33%	3	1.50%	0.4305	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SPOP	5	16.67%	18	9.00%	0.1955	1.0000	3	6.82%	0.2569	0.6561	5	17.86%	13	7.10%	0.0708	1.0000	3	6.82%	0.2476	1.0000
SRC	1	3.33%	3	1.50%	0.4305	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SRSF2	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000
STAG2	2	6.67%	18	9.00%	1.0000	1.0000	2	4.55%	1.0000	1.0000	0	0.00%	7	3.83%	0.5976	1.0000	2	4.55%	0.5180	1.0000
STK11	1	3.33%	2	1.00%	0.3438	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SUFU	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
SYK	1	3.33%	4	2.00%	0.5061	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
TBK1	1	3.33%	6	3.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
TEK	2	6.67%	15	7.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	6	3.28%	1.0000	1.0000	0	0.00%	1.0000	1.0000
TERT	3	10.00%	4	2.00%	0.0490	0.8796	0	0.00%	0.0626	0.5388	1	3.57%	0	0.00%	0.1327	1.0000	0	0.00%	0.3889	1.0000
TET1	2	6.67%	22	11.00%	0.7485	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	9	4.92%	0.6108	1.0000	1	2.27%	1.0000	1.0000
TET2	3	10.00%	13	6.50%	0.4460	1.0000	0	0.00%	0.0626	0.5388	1	3.57%	6	3.28%	1.0000	1.0000	0	0.00%	0.3889	1.0000
TGFBR2	0	0.00%	6	3.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
TMPRSS2	1	3.33%	7	3.50%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
TNFAIP3	3	10.00%	2	1.00%	0.0168	0.6885	0	0.00%	0.0626	0.5388	1	3.57%	1	0.55%	0.2483	1.0000	0	0.00%	0.3889	1.0000
TNFRSF14	1	3.33%	1	0.50%	0.2444	1.0000	1	2.27%	1.0000	1.0000	0	0.00%	0	0.00%	1.0000	1.0000	1	2.27%	1.0000	1.0000
TOP1	1	3.33%	10	5.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
TP53	15	50.00%	27	13.50%	0.0001	0.0100	39	88.64%	0.0012	0.0602	13	46.43%	21	11.48%	0.0001	0.0151	39	88.64%	0.0003	0.0001
TP63	2	6.67%	12	6.00%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	7	3.83%	0.5976	1.0000	0	0.00%	1.0000	1.0000
TSC1	2	6.67%	8	4.00%	0.6233	1.0000	1	2.27%	0.5622	0.7871	0	0.00%	2	1.09%	1.0000	1.0000	1	2.27%	1.0000	1.0000
TSC2	2	6.67%	13	6.50%	1.0000	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	8	4.37%	0.6009	1.0000	0	0.00%	1.0000	1.0000
TSHR	0	0.00%	7	3.50%	0.5987	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
U2AF1	2	6.67%	3	1.50%	0.1281	1.0000	1	2.27%	0.5622	0.7871	1	3.57%	1	0.55%	0.2483	1.0000	1	2.27%	1.0000	1.0000
VHL	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
WAS	3	10.00%	9	4.50%	0.1950	1.0000	1	2.27%	0.2971	0.6561	1	3.57%	4	2.19%	0.5129	1.0000	1	2.27%	1.0000	1.0000
WNK1	2	6.67%	11	5.50%	0.6802	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000
WT1	0	0.00%	3	1.50%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
XPO1	1	3.33%	12	6.00%	1.0000	1.0000	0	0.00%	0.4054	0.6561	0	0.00%	2	1.09%	1.0000	1.0000	0	0.00%	1.0000	1.0000
YAP1	2	6.67%	4	2.00%	0.1768	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	1	0.55%	1.0000	1.0000	0	0.00%	1.0000	1.0000
YES1	2	6.67%	8	4.00%	0.6233	1.0000	0	0.00%	0.1611	0.5388	0	0.00%	4	2.19%	1.0000	1.0000	0	0.00%	1.0000	1.0000
ZRSR2	0	0.00%	6	3.00%	1.0000	1.0000	0	0.00%	1.0000	1.0000	0	0.00%	3	1.64%	1.0000	1.0000	0	0.00%	1.0000	1.0000