

Table S1: Layout of the PrimePCR array plate

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	PCGE M1	SOCS 2-AS1	PCA3	PRNC R1	CBR3-AS1	PCAT 29	PCGE M1	SOCS 2-AS1	PCA3	PRNC R1	CBR3-AS1	PCAT 29	PCGE M1	SOCS 2-AS1	PCA3	PRNC R1	CBR3-AS1	PCAT 29	PCGE M1	SOCS 2-AS1	PCA3	PRNC R1	CBR3-AS1	PCAT 29
B	RP1-30M3.6	GNP1-2-AS1	LINC00493	RP11-619J2 0.1	RP4-635E1 8.8	HMGN 3-AS1	RP1-30M3.6	GNP1-2-AS1	LINC00493	RP11-619J2 0.1	RP4-635E1 8.8	HMGN 3-AS1	RP1-30M3.6	GNP1-2-AS1	LINC00493	RP11-619J2 0.1	RP4-635E1 8.8	HMGN 3-AS1	RP1-30M3.6	GNP1-2-AS1	LINC00493	RP11-619J2 0.1	RP4-635E1 8.8	HMGN 3-AS1
C	RN7SL 15P	AC003 075.4	RP11-884K1 0.6	RP11-390P2 .4	TP53T G1	RP11-382A2 0.4	RN7SL 15P	AC003 075.4	RP11-884K1 0.6	RP11-390P2 .4	TP53T G1	RP11-382A2 0.4	RN7SL 15P	AC003 075.4	RP11-884K1 0.6	RP11-390P2 .4	TP53T G1	RP11-382A2 0.4	RN7SL 15P	AC003 075.4	RP11-884K1 0.6	RP11-390P2 .4	TP53T G1	RP11-382A2 0.4
D	KRT81	RP4-724E1 6.2	KB-1562D 12.2	TERC	RP11-545E1 7.3	CFLA R-AS1	KRT81	RP4-724E1 6.2	KB-1562D 12.2	TERC	RP11-545E1 7.3	CFLA R-AS1	KRT81	RP4-724E1 6.2	KB-1562D 12.2	TERC	RP11-545E1 7.3	CFLA R-AS1	KRT81	RP4-724E1 6.2	KB-1562D 12.2	TERC	RP11-545E1 7.3	CFLA R-AS1
E	RP3-443C4.2	FGD5-AS1	SNHG 8	RP11-556O9 .2	KCNQ 10T1	TINCR	RP3-443C4.2	FGD5-AS1	SNHG 8	RP11-556O9 .2	KCNQ 10T1	TINCR	RP3-443C4.2	FGD5-AS1	SNHG 8	RP11-556O9 .2	KCNQ 10T1	TINCR	RP3-443C4.2	FGD5-AS1	SNHG 8	RP11-556O9 .2	KCNQ 10T1	TINCR
F	SNHG 19	RP11-379H1 8.1	RP11-759F5.1	Inc-FAM8 3G-3	XIST	RNF1 39-AS1	SNHG 19	RP11-379H1 8.1	RP11-759F5.1	Inc-FAM8 3G-3	XIST	RNF1 39-AS1	SNHG 19	RP11-379H1 8.1	RP11-759F5.1	Inc-FAM8 3G-3	XIST	RNF1 39-AS1	SNHG 19	RP11-379H1 8.1	RP11-759F5.1	Inc-FAM8 3G-3	XIST	RNF1 39-AS1
G	AFG3L 1P	LINC01024	RP11-46C24 .7	LINC00339	RP11-48B3.3	B2M	AFG3L 1P	LINC01024	RP11-46C24 .7	LINC00339	RP11-48B3.3	B2M	AFG3L 1P	LINC01024	RP11-46C24 .7	LINC00339	RP11-48B3.3	B2M	AFG3L 1P	LINC01024	RP11-46C24 .7	LINC00339	RP11-48B3.3	B2M
H	AC006 994.1	FOXP 4-AS1	RP11-146E1 3.4	MAGI 1-IT1	RP4-591B8.2	HMBS	AC006 994.1	FOXP 4-AS1	RP11-146E1 3.4	MAGI 1-IT1	RP4-591B8.2	HMBS	AC006 994.1	FOXP 4-AS1	RP11-146E1 3.4	MAGI 1-IT1	RP4-591B8.2	HMBS	AC006 994.1	FOXP 4-AS1	RP11-146E1 3.4	MAGI 1-IT1	RP4-591B8.2	HMBS
I	PCAT1	HOTAIR	LINC00657	PTPR J-AS1	SCHL AP1	TBP	PCAT1	HOTAIR	LINC00657	PTPR J-AS1	SCHL AP1	TBP	PCAT1	HOTAIR	LINC00657	PTPR J-AS1	SCHL AP1	TBP	PCAT1	HOTAIR	LINC00657	PTPR J-AS1	SCHL AP1	TBP
J	RP3-523E1 9.2	COX6 CP10	CTD-2562J 17.7	CTA-363E1 9.2	WAC-AS1	PAQ1	RP3-523E1 9.2	COX6 CP10	CTD-2562J 17.7	CTA-363E1 9.2	WAC-AS1	PAQ1	RP3-523E1 9.2	COX6 CP10	CTD-2562J 17.7	CTA-363E1 9.2	WAC-AS1	PAQ1	RP3-523E1 9.2	COX6 CP10	CTD-2562J 17.7	CTA-363E1 9.2	WAC-AS1	PAQ1
K	RP11-121A1 4.2	RP11-226L1 5.5	RP11-174G6 .5	RP11-4731.5	RP11-156E6.1	PAQ2	RP11-121A1 4.2	RP11-226L1 5.5	RP11-174G6 .5	RP11-4731.5	RP11-156E6.1	PAQ2	RP11-121A1 4.2	RP11-226L1 5.5	RP11-174G6 .5	RP11-4731.5	RP11-156E6.1	PAQ2	RP11-121A1 4.2	RP11-226L1 5.5	RP11-174G6 .5	RP11-4731.5	RP11-156E6.1	PAQ2
L	RP11-196G1 8.22	BCDIN 3D-AS1	GTF3 AP2	RN7S L277P	RP11-338I21 .1	gDNA	RP11-196G1 8.22	BCDIN 3D-AS1	GTF3 AP2	RN7S L277P	RP11-338I21 .1	gDNA	RP11-196G1 8.22	BCDIN 3D-AS1	GTF3 AP2	RN7S L277P	RP11-338I21 .1	gDNA	RP11-196G1 8.22	BCDIN 3D-AS1	GTF3 AP2	RN7S L277P	RP11-338I21 .1	gDNA
M	RP11-119B1 6.2	LURA P1L-AS1	DUTP 1	UBA6-AS1	CTD-2339M 3.1	PCR	RP11-119B1 6.2	LURA P1L-AS1	DUTP 1	UBA6-AS1	CTD-2339M 3.1	PCR	RP11-119B1 6.2	LURA P1L-AS1	DUTP 1	UBA6-AS1	CTD-2339M 3.1	PCR	RP11-119B1 6.2	LURA P1L-AS1	DUTP 1	UBA6-AS1	CTD-2339M 3.1	PCR
N	RP11-67L2.2	RP11-363E7 .4	FAM8 3H-AS1	LINC01137	CTD-3157E 16.1	RQ1	RP11-67L2.2	RP11-363E7 .4	FAM8 3H-AS1	LINC01137	CTD-3157E 16.1	RQ1	RP11-67L2.2	RP11-363E7 .4	FAM8 3H-AS1	LINC01137	CTD-3157E 16.1	RQ1	RP11-67L2.2	RP11-363E7 .4	FAM8 3H-AS1	LINC01137	CTD-3157E 16.1	RQ1
O	NHS-AS1	AC009 404.2	TUG1	AC005 618.6	PSMD 6-AS2	RQ2	NHS-AS1	AC009 404.2	TUG1	AC005 618.6	PSMD 6-AS2	RQ2	NHS-AS1	AC009 404.2	TUG1	AC005 618.6	PSMD 6-AS2	RQ2	NHS-AS1	AC009 404.2	TUG1	AC005 618.6	PSMD 6-AS2	RQ2
P	CTD-2010I1 6.1	ZNF76 7P	RP11-98I9.4	RP11-244F1 2.3	NRSN 2-AS1	RT	CTD-2010I1 6.1	ZNF76 7P	RP11-98I9.4	RP11-244F1 2.3	NRSN 2-AS1	RT	CTD-2010I1 6.1	ZNF76 7P	RP11-98I9.4	RP11-244F1 2.3	NRSN 2-AS1	RT	CTD-2010I1 6.1	ZNF76 7P	RP11-98I9.4	RP11-244F1 2.3	NRSN 2-AS1	RT