



PHPT1	Phosphohistidine phosphatase 1	NM_014172	-1.95	GGAGATCGTGC	GTGGGCTGAGTACC
PIB5PA	Phosphatidylinositol (4,5) biphosphate 5-phosphatase, A	NM_014422	-0.89	GGCGGAGCAGCG	GGCCCTGGAGACTTC
PME-1	Protein phosphatase methyltransferase 1	NM_016147	-3.08	CTGGTACCAAGCCT	TGTGGTTGAAGCCATG
PNKP	Polynucleotide kinase 3'-phosphatase	NM_007254	-1.93	ACCCCGCTGGGAGA	CGGGTCCCAATCGACA
PPAP2A	Phosphatidic acid phosphatase type 2A	NM_003711	-0.74	ACACCCTGGAGCGAT	GGGACTGGGCAAGCTC
PPAP2B	Phosphatidic acid phosphatase type 2B	NM_003713	-4.79	CCCTACCTGGAGC	GTGGGCTGCTCTTTG
PPAP2C	Phosphatidic acid phosphatase type 2C	NM_177526	-0.53	GGAGGAGGAGCTG	CTACGTGGCTGCTATAC
PPEF1	Protein phosphatase, EF hand calcium-binding domain 1	NM_006240	-6.44	CCAGGAGATCTG	CCCGAAGGGTATGA
PPEF2	Protein phosphatase, EF hand calcium-binding domain 2	NM_006239	-3.32	GAGGGCTGCAAGG	CCGGTCTCAACCTGT
PPFIA1	PTPRF interacting protein (Iiprin), alpha 1	NM_177423	1.99	GGGACCGCTCTT	CCCCAGAGTGAACAG
PPFIA2	PTPRF interacting protein (Iiprin), alpha 2	NM_003625	-2.42	CACCCAGGCAAGG	GCCTCCAGGAGAGAA
PPFIA3	PTPRF interacting protein (Iiprin), alpha 3	NM_003660	-1.71	GCCCCAAGAAGA	CTCCGACTCAGCTG
PPFIA4	PTPRF interacting protein (Iiprin), alpha 4	NM_015053	4.73	CCCCAGCAGCA	CACCCAGGCAAGG
PPM1A	Protein phosphatase 2C, magnesium-dependent, alpha isoform	NM_177952	1.14	GGAGGAGAGTGG	GGTCTACTGAGCAG
PPM1B	Protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform	NM_002706	-2.67	AGCCCTGCTG	GGGCCAACGAACA
PPM1D	Protein phosphatase 1D magnesium-dependent, delta isoform	NM_003620	-7.24	CCTCACAGCA	GGCCCTGACTCA
PPM1E	Protein phosphatase 1E (PP2C domain containing)	NM_014906	-2.38	GACCCAGGCT	GGGCCAGCTGTT
PPM1F	Protein phosphatase 1F (PP2C domain containing)	NM_014634	-0.84	GGCCCTGTG	GGCCGCTTGA
PPM1G	Protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform	NM_177983	6.41	TGGGAGCTCT	GGCCCAACACAG
PPM1K	Protein phosphatase 1K (PP2C domain containing)	NM_152542	-3.36	GGAGAGTGTCT	GACCCAGTGTG
PPM1L	Protein phosphatase 1 (formerly 2C)-like	NM_139245	-2.25	GCAGGCACA	GCCTGGAGTTCA
PPM1M	Protein phosphatase 1M (PP2C domain containing)	NM_144641	-1.59	GGGGTAGCT	GCCTCTTGCTCT
PPM2C	Protein phosphatase 2C, magnesium-dependent, catalytic subunit	NM_018444	-3.17	GGCCACAGTA	GGAGGCATCCA
PPP1CA	Protein phosphatase 1, catalytic subunit, alpha isoform	NM_026873	-2.71	GACCGCTAC	GGCCCGCAGCA
PPP1CB	Protein phosphatase 1, catalytic subunit, beta isoform	NM_002709	-2.16	GAGGAACCAT	GCTCGGAGATCT
PPP1CC	Protein phosphatase 1, catalytic subunit, gamma isoform	NM_002710	-1.70	GGGGTATG	TGTCAGCTCAG
PPP2A	Protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	NM_002715	0.61	TGGCTCAGT	GAGCCTCGGA
PPP2CB	Protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform	NM_004156	-2.94	GAGCCTGG	TGCTCACTGG
PPP3CA	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)	NM_000944	-1.92	ACCTTCA	GGAGGAGGCTG
PPP3CB	Protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform (calcineurin A beta)	NM_021132	-0.51	GTGCCAGT	GACCAATGAT
PPP3CC	Protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcineurin A gamma)	NM_005605	-0.23	CCTCACACT	GGCCAAATGCT
PPP4C	Protein phosphatase 4 (formerly X), catalytic subunit	NM_002720	-1.92	GGCCGTG	GGCCAGAGATCT
PPP5C	Protein phosphatase 5, catalytic subunit	NM_006247	-3.85	CGGGCGT	GGCCATGACA
PPP6C	Protein phosphatase 6, catalytic subunit	NM_002721	0.09	CGACCTGA	TGCTGGAGATCT
PPTC7	PTC7 protein phosphatase homolog	NM_139283	-0.69	GGACGGT	TGGCGAGTGTG
PSPH	Phosphoserine phosphatase	NM_004577	-1.31	GTCCCTAC	GGCTGTCTCT
PSTPIP1	Proline-serine-threonine phosphatase interacting protein 1	NM_003978	-0.28	GTCCCAAG	GGCCATGGAT
PSTPIP2	Proline-serine-threonine phosphatase interacting protein 2	NM_024430	-2.81	TGGCCGCA	GGCCATCATG
PTEN	Phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	NM_000314	-1.46	CCCCACAG	GGGCAAGCTG
PTENP1	Phosphatase and tensin homolog (mutated in multiple advanced cancers 1), pseudogene 1	BC038293	-1.48	CCCCACAG	TCCAGAGGCT
PTP4A1	Protein tyrosine phosphatase type IVA, member 1	NM_003463	-1.74	TGGCGT	CCGCCAGCT
PTP4A2	Protein tyrosine phosphatase type IVA, member 2	NM_080391	0.15	GGGAGCGT	GAGCCAGTGT
PTP4A3	Protein tyrosine phosphatase type IVA, member 3	NM_007079	-1.10	GACCCAC	CCCCAACCC
PTPDC1	Protein tyrosine phosphatase domain containing 1	NM_152422	-1.46	GGGAGACT	GGCCAGCACC
PTPLA	Protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a	NM_014241	0.48	GTGCTCT	TATACCTGCT
PTPLB	Protein tyrosine phosphatase-like (proline instead of catalytic arginine), member b	NM_198402	0.85	TGGGAGT	GGGTAGTACC
PTPMT1	Protein tyrosine phosphatase, mitochondrial 1	BC018974	-1.85	TCCTTGT	GGGCTCTTCA
PTPN1	Protein tyrosine phosphatase, non-receptor type 1	NM_002827	-1.26	TGGAAAT	GACCTCTCT
PTPN11	Protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome 1)	NM_002834	3.11	GGCCGCT	CTCCGAGTGT
PTPN12	Protein tyrosine phosphatase, non-receptor type 12	NM_002835	0.07	TGGCTG	GGCCCGAGT
PTPN13	Protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase)	NM_080684	-1.59	GGACACT	GGTCTCGAG
PTPN14	Protein tyrosine phosphatase, non-receptor type 14	NM_005401	-6.31	GGACCGG	GGACGGTGT
PTPN18	Protein tyrosine phosphatase, non-receptor type 18	NM_014369	-2.22	GAGGAC	CCCTCTGT
PTPN2	Protein tyrosine phosphatase, non-receptor type 2	NM_002828	-2.20	GGCCACC	GGCCATGAT
PTPN20A	Protein tyrosine phosphatase, non-receptor type 20A	NM_015605	2.09	GTGGAGT	CTCTGGAA
PTPN21	Protein tyrosine phosphatase, non-receptor type 21	NM_007039	-1.41	ACCCAGC	GGCCCAAC
PTPN22	Protein tyrosine phosphatase, non-receptor type 22	NM_012411	0.80	CCAGGAC	TGGGTGGA
PTPN23	Protein tyrosine phosphatase, non-receptor type 23	NM_015466	-3.05	CGGGCAC	CCCCACACT
PTPN3	Protein tyrosine phosphatase, non-receptor type 3	NM_002829	1.08	GGCCGCC	CCGGTGTG
PTPN4	Protein tyrosine phosphatase, non-receptor type 4	NM_002830	-1.11	GAGGGTG	GGTGGTGG
PTPN5	Protein tyrosine phosphatase, non-receptor type 5	NM_032781	-0.56	CCCTCAC	ACCTGCTC
PTPN6	Protein tyrosine phosphatase, non-receptor type 6	NM_002831	-1.05	GGGCAAG	GGGCTGG
PTPN7	Protein tyrosine phosphatase, non-receptor type 7	NM_002832	-1.53	TCCCCAG	AGCCACGC
PTPN9	Protein tyrosine phosphatase, non-receptor type 9	NM_002833	-1.43	GGCCGAG	GGCCATCT
PTPNS1	Protein tyrosine phosphatase, non-receptor type substrate 1	NM_080792	-1.24	TGGGAAT	CGCTGCT
PTPNS1L2	Protein tyrosine phosphatase, non-receptor type substrate 1-like 2	NM_178460	-2.34	TGGACCT	CAGCCCA
PTPNS1L3	Protein tyrosine phosphatase, non-receptor type substrate 1-like 3	XM_209363	0.33	CACCTT	TGGTGA
PTPRA	Protein tyrosine phosphatase, receptor type, A	NM_080840	-3.53	GGCCCG	CGGGGCA
PTPRB	Protein tyrosine phosphatase, receptor type, B	NM_002837	-0.91	AGGACAT	AGGATCCT
PTPRC	Protein tyrosine phosphatase, receptor type, C	NM_080921	-1.17	GGCCAC	GGTCCAG
PTPRCAP	Protein tyrosine phosphatase, receptor type, C-associated protein	NM_005608	-1.10	TGACCT	GGCAGACT
PTPRD	Protein tyrosine phosphatase, receptor type, D	NM_130393	-2.37	ACCCAG	CCCCAGGA
PTPRE	Protein tyrosine phosphatase, receptor type, E	NM_130435	1.35	GGTCCAA	CCTCCACT
PTPRF	Protein tyrosine phosphatase, receptor type, F	NM_130440	-4.42	TCCGGC	GGAGGATG
PTPRG	Protein tyrosine phosphatase, receptor type, G	NM_002841	-2.01	GGGTG	GGTCTC
PTPRH	Protein tyrosine phosphatase, receptor type, H	NM_002842	-0.07	CCCGGT	CCCGGACT
PTPRI	Protein tyrosine phosphatase, receptor type, I	NM_002843	0.18	GGGGAT	GGGAGTCT
PTPRK	Protein tyrosine phosphatase, receptor type, K	NM_002844	-1.81	GGACCT	CCGAGCTG
PTPRM	Protein tyrosine phosphatase, receptor type, M	NM_002845	-4.00	GGAGGA	GGGGTCT
PTPRN	Protein tyrosine phosphatase, receptor type, N	NM_002846	-0.40	GGGACG	GGCCCTGC
PTPRN2	Protein tyrosine phosphatase, receptor type, N polypeptide 2	NM_130843	-2.35	GGAGG	GGCCCTGC
PTPRO	Protein tyrosine phosphatase, receptor type, O	NM_030670	-2.19	CCGGT	GAGGAGGT
PTPRQ	Protein tyrosine phosphatase, receptor type, Q	XM_926134	-0.30	GTTCAC	GGACCCAC
PTPRR	Protein tyrosine phosphatase, receptor type, R	NM_130846	0.58	TCCCT	CCAGAGAT
PTPRS	Protein tyrosine phosphatase, receptor type, S	NM_130853	-0.42	GGCCAC	GGCCACAC
PTPRT	Protein tyrosine phosphatase, receptor type, T	NM_007050	-2.48	GGAGG	GGGGTGT
PTPRU	Protein tyrosine phosphatase, receptor type, U	NM_133178	-0.11	GGGGG	GGCCGA
PTPRZ1	Protein tyrosine phosphatase, receptor type, Z polypeptide 1	NM_002851	-2.15	GGCCAC	TCCGAGT
RNGTT	RNA guanylyltransferase and 5'-phosphatase	NM_003800	-2.13	ACCTGT	TGGGAGG
SGPP1	Sphingosine-1-phosphate phosphatase 1	NM_030791	-1.98	GTGGT	GGCCGCT
SIRPA	Signal-regulatory protein alpha	NM_080792	-3.46	TGGGA	GTCCGTT
SIRPD / SIRPB1	Signal-regulatory protein beta 1	NM_006065	-1.35	GTCCG	GTCGAAT
SKIP	Skeletal muscle and kidney enriched inositol phosphatase	NM_130766	-0.42	GGTCT	GGCCAGCT
SNAP23	Synaptosomal-associated protein, 23kDa	NM_003825	-2.96	TGCCA	TCTGGT
SPAP1 / FCRL2	Fc receptor-like 2	NM_030764	-0.12	TGTGG	CCCTCTT
SSH1	Slingshot homolog 1	NM_018984.2	-0.62	GGACT	CTCGAGA
SSH2	Slingshot homolog 2	NM_033389.2	-0.14	GTCCG	GGCTGTG
SSH3	Slingshot homolog 3	NM_017857.2	0.11	CAGGT	GGTCTG
SYNJ1	Synaptojanin 1	NM_203446	-2.23	TGGAG	TCCGAGG
SYNJ2	Synaptojanin 2	NM_003898	-1.60	GTGGG	GGCAGAT
TA-PP2C	T-cell activation protein phosphatase 2C	NM_139283	-0.74	GTCCCT	GGACGTT
TENC1	Tensin like C1 domain containing phosphatase	NM_198316	-2.07	CCCCA	ACCCAGG
TPTE	Transmembrane phosphatase with tensin homology	NM_199260	-1.52	GGAGG	TGTCCTCA
TPTE2	Transmembrane phosphoinositide 3-phosphatase and tensin homolog 2	NM_199255	-1.46	CGGGC	GTGCCACT