

TABLE 1

hugoID	ENSG	Chr.	Acc.no.	cMNR	Pos.	Ta	sense	antisense
<i>PPFIA1</i>	ENSG00000131626	11	D49354	A7	545	62	CAG GAT GCC TTG GGA CTT AG	GCT TAG GCA CAA CTG AAA ACC
<i>PPFIA2</i>	ENSG00000139220	12	AF034799	A7	3334	59	GGA ATG CTT GGT AGA TGC AA	TCA TTT TAA TTA TTC TTT GGG GAA A
<i>PTPLA</i>	ENSG00000165996	10	AF114494	T7	660	60	GCA ATA GAC CTG CAA TGT AAA GTC	TTC ACC AGC AAC TCC AAC AG
<i>PTPN12</i>	ENSG00000127947	7	M93425	A7	2158	62	CGG AAT GGA GTG AAC TTC AAA	CAG CTA TTT CAA CAA CTG CAA GA
<i>PTPN13</i>	ENSG00000163629	4	D21209	A8	911	60	CAT TCT CCC CTT ACC AGT TCA	CAA AGC AAG TCC ATG GAT GA
<i>PTPN21</i>	ENSG00000070778	14	X79510	A8	2870	60	TTT CAC AGG GGT TGT ATT TGT G	AGG GCA GCC AGT TTA AGA GG
<i>PTPN23</i>	ENSG00000076201	3	AL110210	C7	1097	59	AGG ACT CCT ACC CCC ACA AT	GCT GGC AGA GGG TCT TGA
<i>PTPN4</i>	ENSG00000088179	2	M68941	T7	1728	60	TTC TTC CGT TTG GAC AGA CC	TCC AAC AAT AAA GCC TTA ACA CA
<i>PTPN5</i>	ENSG00000110786	11	U27831	C7	1319	62	GAG GCC TGA AGC ATT ACT GG	ACC TGC AGT GGA CGA TGA T
<i>PTPRA</i>	ENSG00000132670	20	X54130	A7	803	62	TGT TTA TCC CTG CTA ATA ATT CCT C	AAG ACA CTC ACA AGG CAA GAT G
<i>PTPRB</i>	ENSG00000127329	12	X54131	T7	4840	60	TTT GAT GAG GAC CTG AAG GAA	GGT GAC ATG GCA GTT GGT AG
<i>PTPRE</i>	ENSG00000132334	10	X54134	A7	533	62	CAC CAT TGA TCA TGC AAA ACA	GTC ATT GCC ATC TGG ACA CA
<i>PTPRH</i>	ENSG00000080031	19	D15049	A7	1420	58	CCC GGA ACC TTG TAC ACA TT	CTC ACC AAA ACA GGG AGT GG
<i>PTPRR</i>	ENSG00000153233	12	U42361	A7	1661	60	ATG GTT TGG CAG GAA GAC AG	TCC ATG GCA ATT TTA CTA ACA CA
<i>PTPRS</i>	ENSG00000105426	19	U35234	C7	3174	63	ACG GCC TAT GAC CTC CAA GT	GAC CAC GAG GAA GCA GAA AA
<i>PTPRZ1</i>	ENSG00000106278	7	M93426	A7	284	59	TTT TGG GCT ATT ACA TGT TGG A	TGT AAA GTT TAA TTT TTG CAT GGT

TABLE 4

Genes	Cell lines	Carcinomas	Adenomas*
<i>PPFIA1</i>	0%	0%	-
<i>PPFIA2</i>	0%	0%	-
<i>PTPLA</i>	0%	0%	-
<i>PTPN12</i>	0%	0%	-
<i>PTPN13</i>	22.2%	0%	-
<i>PTPN21</i>	26.3%	16.7%	11.8%
<i>PTPN23</i>	5.3%	2.0%	-
<i>PTPN4</i>	0%	0%	-
<i>PTPN5</i>	0%	6.0%	-
<i>PTPRA</i>	0%	2.3%	-
<i>PTPRB</i>	0%	0%	-
<i>PTPRE</i>	0%	2.1%	-
<i>PTPRH</i>	0%	0%	-
<i>PTPRR</i>	0%	0%	-
<i>PTPRS</i>	10.5%	12.0%	-
<i>PTPRZ1</i>	0%	0%	-