

Table S5 List of the plasma membrane proteins which were differently expressed in HNSCC spheres compared with the adherent cultured cells

Protein ID	symbol	fold change	Type(s)	membrane
		(spheres/adherent)		prediction Score
P16070	CD44	1.50211685	other	5
P02786	TFRC	1.50211685	transporter	4
P20020	ATP2B1	1.50211685	transporter	4
P04844	RPN2	1.50211685	enzyme	3
P27824	CANX	1.50211685	other	3
Q07065	CKAP4	1.50211685	other	3
O15031	PLXNB2	1.50211685	other	3
P46940	IQGAP1	1.50211685	other	2
P35606	COPB2	1.50211685	transporter	1
P54886	ALDH18A1	1.50211685	kinase	1
P02545	LMNA	1.877646063	other	1
P05023	ATP1A1	2.002822467	transporter	4
P23229	ITGA6	2.253175275	other	5
P08195	SLC3A2	2.253175275	transporter	4
P50993	ATP1A2	2.253175275	transporter	4
P15311	EZR	2.253175275	other	3
P16144	ITGB4	2.628704488	transmembrane receptor	4
P00533	EGFR	3.0042337	kinase	5

P17301	ITGA2	3.0042337	other	5
P13637	ATP1A3	3.0042337	transporter	4
Q13740	ALCAM	3.0042337	other	4
P35221	CTNNA1	3.0042337	other	3
P10586	PTPRF	*	phosphatase	5
P35613	BSG	*	transporter	5
Q14126	DSG2	*	other	5
Q9BY67	CADM1	*	other	5
P13591	NCAM1	*	other	4
P20648	ATP4A	*	transporter	4
P21589	NT5E	*	phosphatase	4
Q6YHK3	CD109	*	other	4
O43491	EPB41L2	*	other	3
P26038	MSN	*	other	3
Q01518	CAP1	*	other	3
Q13308	PTK7	*	kinase	3
Q14956	GPNMB	*	enzyme	3
Q12860	CNTN1	*	enzyme	3
Q15155	NOMO1	*	other	3
O15085	ARHGEF11	*	other	2
P06733	ENO1	*	transcription regulator	2
P08865	RPSA	*	translation regulator	2

P25705	ATP5A1	*	transporter	2
P35241	RDX	*	other	2
Q15046	KARS	*	enzyme	2
Q5T4S7	UBR4	*	other	2
Q9NZI8	IGF2BP1	*	translation regulator	2
Q13724	MOGS	*	enzyme	2
Q6NZI2	PTRF	*	transcription regulator	2
P06744	GPI	*	enzyme	2
Q13751	LAMB3	*	transporter	2
Q9UI47	CTNNA3	*	other	2
P12532		*		1
P13797	PLS3	*	other	1
P17987	TCP1	*	other	1
P31040	SDHA	*	enzyme	1
P36957	DLST	*	enzyme	1
P61163	ACTR1A	*	other	1
Q12996	CSTF3	*	other	1
Q15436	SEC23A	*	transporter	1
Q7Z6Z7	HUWE1	*	transcription regulator	1
Q86WB0	ZC3HC1	*	other	1
Q8NC51	SERBP1	*	other	1
Q96QK1	VPS35	*	transporter	1

P29508	SERPINB3	*	other	1
P69849		*	other	2
Q5JPE7	NOMO2	*	other	3
P12830	CDH1	0	other	5
O75923	DYSF	0	other	4
P23219	PTGS1	0	enzyme	3
Q86UP2	KTN1	0	other	3
Q9NZM1	MYOF	0	other	3
Q9P2E9	RRBP1	0	transporter	3
P14923	JUP	0	other	3
P29966	MARCKS	0	other	3
O00116	AGPS	0	enzyme	2
O60488	ACSL4	0	enzyme	2
O60716	CTNND1	0	other	2
O75694	NUP155	0	transporter	2
O95573	ACSL3	0	enzyme	2
P04040	CAT	0	enzyme	2
P04843	RPN1	0	enzyme	2
P07237	P4HB	0	enzyme	2
P35222	CTNNB1	0	transcription regulator	2
P49368	CCT3	0	other	2
Q8WVM8	SCFD1	0	transporter	2

Q9NYU2	UGGT1	0	enzyme	2
P50454	SERPINH1	0	other	2
Q9UJZ1	STOML2	0	other	2
P07900	HSP90AA1	0	enzyme	1
O00469	PLOD2	0	enzyme	1
O60568	PLOD3	0	enzyme	1
O95831	AIFM1	0	enzyme	1
P12270	TPR	0	other	1
P13667	PDIA4	0	enzyme	1
P34897	SHMT2	0	enzyme	1
P38606	ATP6V1A	0	transporter	1
P43304	GPD2	0	enzyme	1
P48449	LSS	0	enzyme	1
Q01970	PLCB3	0	enzyme	1
Q02809	PLOD1	0	enzyme	1
Q96RP9	GFMI	0	translation regulator	1
Q15149	PLEC	0.170695097	other	1
Q16891	IMMT	0.250352808	other	1
Q14247	CTTN	0.281646909	other	2
Q9BSJ8	ESYT1	0.375529213	other	2
P48741	HSPA7	0.375529213	other	1
P42704	LRPPRC	0.417254681	other	1

Q15084	PDIA6	0.450635055	enzyme	2
P14618	PKM2	0.450635055	kinase	1
P54652	HSPA2	0.450635055	other	1
P17655	CAPN2	0.500705617	peptidase	2
A5A3E0	POTEE/POTEF	0.500705617	other	1
P17066	HSPA6	0.500705617	other	1
P23142	FBLN1	0.500705617	other	1
P12111	COL6A3	0.500705617	other	1
Q00610	CLTC	0.563293819	other	3
P11142	HSPA8	0.563293819	enzyme	1
P36952	SERPINB5	0.563293819	other	1
P00739	HPR	0.563293819	peptidase	1
P05155	SERPING1	0.563293819	other	1
P23280	CA6	0.643764364	enzyme	1
P02790	HPX	0.643764364	transporter	1
Q9Y4L1	HYOU1	0.667607489	other	1
P06396	GSN	0.667607489	other	1

* indicated that the protein has only been identified in spheres. 0 indicated that the protein has only been identified in adherent cultured cells