

## Suppl. Doc 6. Different PSA peptides identified by MS in the EPS

precursor ion charge	peptide sequence	Times of peptides identified	nsp adjusted probability *	initial probability
2	AVCGGVLVHPQWVLT	5	1	0.98
2	AVCGGVLVHPQWVLT	5	1	0.98
2	CAQVHPQK	4	1	0.99
3	DLHVISNDVCAQVHPQK	4	1	1
2	IVGGWECEK	5	0.93	0.68
3	KLQCVDLHVISNDVCAQVHPQ	4	0.92	0.66
3	LHVISNDVCAQVHPQK	4	1	0.98
2	LQCVDLHV	4	0.76	0.46
2	LQCVDLHVI	4	0.99	0.97
2	LQCVDLHVISN	4	0.95	0.74
3	LQCVDLHVISNDVCAQVHPQ	4	1	1
2	LSEPAELTDAVK	4	1	1
2	PAELTDAVK	8	1	0.99
3	PGDDSSHDLM[147]LLR	4	1	1
2	STCSGDSGGPLVCNGVLQGI	3	1	1
2	SVILLGR	4	0.8	0.5
3	VDLHVISNDVCAQVHPQK	4	1	1
2	VM[147]DLPTQEPA	4	0.9	0.6
2	VM[147]DLPTQEPALGT	4	0.88	0.58
2	VM[147]DLPTQEPALGTT	4	0.99	0.95
2	VM[147]DLPTQEPALGTTTCY	4	1	1
3	VM[147]DLPTQEPALGTTTCYASGWGSIEPEEF	3	1	1
3	VM[147]DLPTQEPALGTTTCYASGWGSIEPEEFL	3	0.77	0.47
3	VM[147]DLPTQEPALGTTTCYASGWGSIEPEEFLTPK	3	1	1
2	VMDLPTQEPALGTTTCY	4	1	1
2	WIKDTIVANP	3	0.94	0.71

\*nsp, number of sibling peptides