

**Supplementary Table 1.** Identified Stanniocalcin-1 peptides. Sequences along with peptide identification and quantification parameters have been indicated. Note, that when the peptide signal has fallen below the limit of peak integration (limit of quantification), the intensity values are presented as zeros.

Peptide sequence	Protein	UniProt ID	Missed cleavages	Mass, Da	Observed peptide charges	Posterior error probability of identification	Andromeda Identification Score	Intensity Secr1LH+2	Intensity Secr1LH+8	Intensity ratio, LH+8/+2, Secr1	Intensity Secr2LH+2	Intensity Secr2LH+7	Intensity ratio, LH+8/+2, Secr2
IGPNMASLFHILQTDHCAQTHPR	STC1	P52823	0	2643.280	3,4,5	3.33E-187	161.68	0.0E+00	1.4E+07	NA	0.0E+00	1.4E+07	NA
MIAEVQEECYSK	STC1	P52823	0	1485.648	2	7.47E-07	96.745	0.0E+00	1.5E+06	NA	0.0E+00	9.6E+05	NA
NLRGEEDSPSHIK	STC1	P52823	1	1480.727	3	1.26E-06	92.939	1.8E+05	7.3E+05	4.0	0.0E+00	5.6E+05	NA
NLRGEEDSPSHIKR	STC1	P52823	2	1636.828	3	2.60E-03	60.55	0.0E+00	3.4E+05	NA	0.0E+00	1.4E+05	NA
NPEAITEVVQLPNHFSNR	STC1	P52823	0	2064.039	2,3	4.86E-181	176.69	0.0E+00	3.9E+06	NA	0.0E+00	1.8E+06	NA
RNPEAITEVVQLPNHFSNR	STC1	P52823	1	2220.140	3,4	7.11E-168	177.08	0.0E+00	1.2E+07	NA	0.0E+00	1.1E+07	NA
SLECEDTVSTIR	STC1	P52823	0	1636.761	2,3	5.30E-24	108.58	0.0E+00	7.1E+06	NA	0.0E+00	5.4E+06	NA
VAAQNSAEVVR	STC1	P52823	0	1142.604	2	9.56E-04	89.266	9.1E+05	1.2E+07	13.7	7.0E+05	7.5E+06	10.7

Peptide sequence	Intensity Secr3LH+2	Intensity Secr3LH+9	Intensity ratio, LH+8/+2, Secr3	Intensity Secr4LH+2	Intensity Secr4LH+8	Intensity ratio, LH+8/+2, Secr4	Intensity Secr5LH+2	Intensity Secr5LH+8	Intensity ratio, LH+8/+2, Secr5	Intensity Secr6LH+2	Intensity Secr6LH+8	Intensity ratio, LH+8/+2, Secr6
IGPNMASLFHILQTDHCAQTHPR	0.0E+00	5.1E+06	NA	6.3E+05	8.7E+07	137.1	0.0E+00	8.4E+06	NA	0.0E+00	3.1E+08	NA
MIAEVQEECYSK	0.0E+00	6.5E+05	NA	0.0E+00	5.6E+06	NA	0.0E+00	1.6E+06	NA	0.0E+00	6.8E+07	NA
NLRGEEDSPSHIK	0.0E+00	4.2E+05	NA	3.2E+05	2.9E+06	9.2	2.6E+05	5.3E+05	2.0	0.0E+00	3.6E+06	NA
NLRGEEDSPSHIKR	0.0E+00	0.0E+00	NA	0.0E+00	1.4E+06	NA	0.0E+00	3.1E+05	NA	0.0E+00	2.6E+06	NA
NPEAITEVVQLPNHFSNR	0.0E+00	0.0E+00	NA	0.0E+00	1.3E+07	NA	0.0E+00	1.3E+06	NA	0.0E+00	1.0E+08	NA
RNPEAITEVVQLPNHFSNR	6.7E+05	6.4E+06	9.5	0.0E+00	7.5E+07	NA	1.1E+06	1.4E+07	12.3	1.8E+06	3.1E+08	169.2
SLECEDTVSTIR	0.0E+00	3.8E+06	NA	0.0E+00	6.9E+07	NA	6.3E+05	3.4E+06	5.4	3.1E+06	2.2E+08	72.4
VAAQNSAEVVR	5.1E+05	5.2E+06	10.2	9.9E+05	5.7E+07	57.2	1.1E+06	1.3E+07	12.3	3.7E+06	2.1E+08	55.9