

## Supplementary data

Supplementary Table1. Binding partners of SNAP-25 determined by liquid chromatography tandem mass spectrometry (LC-MS/MS).

Protein	Identified peptides by LCMS/MS and their modifications
Syntaxin1	QLEITR
	IAENVEEVK
	QALSEIETR
	IAENVEEVKR
	HSAILASPNPDEK
	HSEIKLENSIR
	KHSAILASPNPDEK
	TKEELEELMSDIK + Oxidation (M)
	GFIDKIAENVEEVK
	SIEQSIEQEEGLNR
	TKEELEELMSDIK
	TKEELEELMSDIK + Oxidation (M)
	FMDEFFEQVEEIR + Oxidation (M)
	IEYNVEHAVDYVER
	GFIDKIAENVEEVKR
	FVEVMSEYNATQSDYR + Oxidation (M)
	KFVEVMSEYNATQSDYR
	KFVEVMSEYNATQSDYR + Oxidation (M)
	FVEVMSEYNATQSDYRER + Oxidation (M)
KFVEVMSEYNATQSDYRER + Oxidation (M)	
Syntaxin2	QLEITGR
	QALNEIESR
	IAQHVEDVKK
	NVVNSVDYVEHAKETK
	NVVNSVDYVEHAKETKK
Syntaxin3	KFVEVMTK + Oxidation (M)
	QALSEIEGR
	HIEEDEVR
	YNEAQVDFR
	YNEAQVDFRER
	SMEKHIEEDEVR + Oxidation (M)
	TKDDLEQLTTEIK
	LYSIILSAPIPEPK
	TKDDLEQLTTEIKK
	KLYSIILSAPIPEPK
Syntaxin4	IALENQK
	EEIKQLGR
	QALNEISAR
	VALVVHSGAAR
	HSEIQQLER
	NILSSADYVER
	LSSPDDEFFQK
	QGLQNLREEIK
	EEADENYNSVNTR
	QQVTILATPLPEESMK + Oxidation (M)
	LSSPDDEFFQKVQTIR
	NILSSADYVERGQEHVK
	AIEPQKEEADENYNSVNTR
	ELEKQQVTILATPLPEESMK + Oxidation (M)