Table S2. LC-MS/MS analysis of altered protein spots in PNS fractions isolated from the mPFC of SNL-treated versus sham-treated rats 8 weeks after the surgery; list of exclusive unique peptides used for identification.

Spot	Accession number	Protein name	Exclusive unique peptides	Modifications	SC [a] [%]	MW [b] (kDa)	pI [c]
1	NP_001004279.1	peptidyl-prolyl cis-trans isomerase	(R)VFFDVDIGGER(V)		49	40.7	7.27
			(R)IVLELFADIVPK(T)				
			(K)HVVFGQVIK(G)				
			(R)mLENVEVNGEKPAK(L)	Oxidation (+16)			
			(R)MLENVEVNGEKPAK(L)				
			(K)LcVIAEcGELK(E)	Carbamidomethyl (+57), Carbamidomethyl (+57)			
			(K)LcVIAEcGELKEGDEWGIFPK(D)	Carbamidomethyl (+57), Carbamidomethyl (+57)			
			(K)DGSGDSHPDFPEDADIDLK(D)				
			(K)DGSGDSHPDFPEDADIDLKDVDK(I)				
			(K)ILLISEDLK(N)				
			(K)NIGNTFFK(S)				
			(R)LQPIALScVLNIGAcK(L)	Carbamidomethyl (+57), Carbamidomethyl (+57)			
			(K)MSNWQGAIDScLEALEMDPSNTK(A)	Carbamidomethyl (+57)			
			(K)mSNWQGAIDScLEALEMDPSNTK(A)	Oxidation (+16), Carbamidomethyl (+57)			
			(K)AQGWQGLK(E)				
			(K)EYDQALADLK(K)				
			(K)EYDQALADLKK(A)				
2	NP_058704.1	glyceraldehyde-3-phosphate dehydrogenase	(K)VDIVAINDPFIDLNYmVYMFQYDSTHGK(F)	Oxidation (+16)	70	35.8	8.87
			(K)VDIVAINDPFIDLNYmVYmFQYDSTHGK(F)	Oxidation (+16), Oxidation (+16)			
			(K)LVINGKPITIFQER(D)				
			(K)LVINGKPITIFQERDPANIK(W)				
			(R)DPANIKWGDAGAEYVVESTGVFTTmEK(A)	Oxidation (+16)			
			(K)WGDAGAEYVVESTGVFTTMEK(A)				
			(K)WGDAGAEYVVESTGVFTTmEK(A)	Oxidation (+16)			
			(K)RVIISAPSADAPmFVmGVNHEK(Y)	Oxidation (+16), Oxidation (+16)			
			(K)IVSNAScTTNcLAPLAK(V)	Carbamidomethyl (+57), Carbamidomethyl (+57)			
			(K)VIHDNFGIVEGLmTTVHAITATQK(T)	Oxidation (+16)			
			(R)GAAQNIIPASTGAAK(A)				
			(R)VPTPNVSVVDLTcR(L)	Carbamidomethyl (+57)			

			(K)GILGYTEDQVVScDFNSNSHSSTFDAGAGIALNDNFVK(L)	Carbamidomethyl (+57)			
			(K)LISWYDNEYGYSNR(V)				
			(R)VVDLmAYMASK(-)	Oxidation (+16)			
			(R)VVDLmAYmASKE(-)	Oxidation (+16), Oxidation (+16)			
3	NP_075211.2	triosephosphate isomerase	(K)cLGELIcTLNAAK(L)	Carbamidomethyl (+57), Carbamidomethyl (+57)	68	26.9	7.20
			(K)LPADTEVVcAPPTAYIDFAR(Q)	Carbamidomethyl (+57)			
			(K)IAVAAQNcYK(V)	Carbamidomethyl (+57)			
			(K)VTNGAFTGEISPGMIK(D)				
			(K)VTNGAFTGEISPGmIK(D)	Oxidation (+16)			
			(K)DLGATWVVLGHSER(R)				
			(R)RHIFGESDELIGQK(V)				
			(R)HIFGESDELIGQK(V)				
			(K)VNHALSEGLGVIAcIGEK(L)	Carbamidomethyl (+57)			
			(K)VVLAYEPVWAIGTGK(T)				
			(K)TATPQQAQEVHEK(L)				
			(K)cNVSEGVAQcTR(I)	Carbamidomethyl (+57), Carbamidomethyl (+57)			
			(R)IIYGGSVTGATcK(E)	Carbamidomethyl (+57)			
			(K)ELASQPDVDGFLVGGASLKPEFVDIINAK(-)				
4	XP_006252159.1	dihydropyrimidinase-related protein 2 isoform X1	(R)mVIPGGIDVHTR(F)	Oxidation (+16)	52	73.1	5.87
			(R)FQmPDQGmTSADDFFQGTK(A)	Oxidation (+16), Oxidation (+16)			
			(K)GIQEEMEALVK(D)				
			(K)DRFQLTDSQIYEVLSVIR(D)				
			(R)FQLTDSQIYEVLSVIR(D)				
			(R)DIGAIAQVHAENGDIIAEEQQR(I)				
			(R)ILDLGITGPEGHVLSRPEEVEAEAVNR(S)				
			(R)SITIANQTNcPLYVTK(V)	Carbamidomethyl (+57)			
			(K)SAAEVIAQAR(K)				
			(K)GTVVYGEPITASLGTDGSHYWSK(N)				
			(K)AAAFVTSPPLSPDPTTPDFLNSLLScGDLQVTGSAHcTFNTAQK(A)	Carbamidomethyl (+57), Carbamidomethyl (+57)			
			(K)DNFTLIPEGTNGTEER(M)				
			(R)ISVGSDADLVIWDPDSVK(T)				
			(K)THNSALEYNIFEGmEcR(G)	Oxidation (+16), Carbamidomethyl (+57)			
			(R)GSPLVVISQGK(I)				

			(K)IVLEDGTLHVTEGSGR(Y)				
			(R)KPFPDFVYK(R)				

[a] the percentage of the sequence covered by identifications from the included searches
[b] the molecular weight of the protein
[c] the observed isoelectric point value