

**Table III:** MS/MS data of the associated proteins with MT-3.

Protein Name	MW (Da)	xCorr	Peptide sequence	Sequence
Valosin containing protein	89363.9	3.49	DVDLEFLAK	
		3.32	ELQELVQYPVEHPDKFLK	
		3.28	GILLYGPPGTGK	
		3.16	GVLFGPPGCGK	
		3.07	LDQLIYIPLPEK	
		2.81	MDELQLFR	
Heat shock protein 84	83281.2	4.51	ADLINNLGTIAK	
		4.26	ALLFIPR	
		4.04	HLEINPDHPIVETLR	
		2.79	IDIIPNPQER	
		2.4	NPDDITQEEYGEFYK	
		2.34	TLTLVDTGIGMTK	
HSP70 glucose regulated protein precursor	72423	3.23	DAGTIAGLNVMR	
		3.13	TFAPEEISAMVLTK	
		1.94	VTHAVVTVPAYFNDAQR	
HSP70 protein 8	70871.1	3.65	ARFEELNADLFR	
		3.17	HWPFMVVNDAGRPK	
		2.93	IINEPTAAAIA YGLDKK	
		2.89	LLQDFFNGK	
		2.48	MKEIAEAYLGK	
		1.78	MVNHFIAEFK	
		1.74	NQVAMNPTNTVFDAGR	

DRP-2	62	3.27	AVGKDNFTLIPEGTNGTEER	
		2.27	DNFTLIPEGTNGTEER	
		2.54	KFPDFVYK	
		2.11	QIGENLIVPGGVK	
		3.1	MVIPGGIDVHTR	
		2.37	VFNLYPR	
DRP-3	61936.3	5.51	GMYDGPVFDLTTTPK	
		3.76	IMLEDGNLHVTQGAGR	
Pyruvate kinase	57844.9	<b>3.23</b>	<b>DAVLNAWAEDVDLR</b>	
		<b>2.65</b>	<b>VFLAQKMMIGRCNR</b>	
		<b>1.57</b>	<b>VNLAMDVGK</b>	
		<b>0.82</b>	<b>VVPVP</b>	
ATP Synthase $\beta$ subunit	56300.5	4.7	<b>IPVGPETLGR</b>	
		3.24	TVLIMELINNVAK	
		3.02	<b>VALTGLTVAEYFR</b>	
		2.69	<b>VALVYQMNEPPGAR</b>	
Tubulin alpha 3	49959.5	2.9	NLDIERPTYNLNR	
		2.89	TIQFVDWCPTGFK	
$\gamma$ -Enolase	47296.7	3.79	ACNCLLLK	Specific
		2.94	DGKYDLDFK	Specific
		2.89	DLPLYR	Specific
		2.5	<b>GNPTVEVDLYTAK</b>	
		2.42	IEEELGDAR	Specific
		2.04	YDLDFK	
$\alpha$ -Enolase	47124.8	4.72	<b>DATNVGDEGGFAPNILENK</b>	Specific

		2.11	EAELELLK	Specific
		2.78	<b>GNPTVEVDLYTAK</b>	
			YDLDFK	
			<b>YITPDQLADLYK</b>	
β-Tubulin	47046.7	3.77	ALTVPELTQPMFNSK	
			ESESCDCLQGFQLTHLLGGG	
		1.54	TGSGMGTLILLISKIR	
		1.58	LAVNMVFPFR	
Creatine Kinase BB	42713.3	3.7	<b>DLFDPIIEER</b>	
		3.32	<b>FCTGLTQIETLFK</b>	
		3.03	LEQGQAIDDLMPAQK	
		2.9	<b>VLTPELYAELR</b>	
		2.87	<b>LLIEMEQR</b>	
β-Actin	41736.7	4.71	<b>AGFAGDDAPR</b>	
		3.07	DLTDYLMK	
		2.6	GILTLK	
		1.83	<b>VAPEEHPVLLTEAPLNP</b>	
Aldolase 3 ( <b>Brain type</b> )	39394.9	3.64	DDNGVPFVR	Specific
		3.54	DNAGAATEEFIK	Specific
Aldolase 1	39355.6	2.1	<b>ADDGRPFQVIK</b>	Specific
		2.18	CAQYKKDGADFAK	In Aldo_3
		2.06	QLLLTADDR	specific
Malate dehydrogenase	35611.4	3.97	<b>GCDVVVIPAGVPR</b>	
		3.44	<b>IFGVTTLDIVR</b>	
		2.83	<b>VDFPQDQLATLTGR</b>	

14-3-3 zeta	27771.1	3.66	VFYLK	
		3.32	<b>YLAEVAAGDDK</b>	
		3.18	<b>YLAEVAAGDDKK</b>	