

Additional file 8: Identification of proteins differentially abundant HEK293 cells expressing L861Q mutant vs. wild type by MALDI-TOF/MS analysis (IEF carried out with 3-10pH range IPG strips)

Spot	Protein name	Accession No	Molecular Weight	PI	Mascot Score	Folds change LQ vs. WT
1	Fibrinogen gamma	gi 70906437	50092	5.54	34	1.95
2	Coiled-coil domain-containing protein 54	gi 14211937	37857.69	8.46	25	Undetectable in WT
3	Transcription factor HOXD11	gi 8777659	35500.67	9.43	29	- do-
4	Homeobox protein Hox-B4	gi 13273315	27604.35	9.82	24	-do-
4	SRRM2 protein	gi 116283923	22229.14	9.37	24	-do-
5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6, isoform CRA_a	gi 119587816	36194.04	8.14	25	-do-
6	Chain A, Crystal Structure Of Human Glycine N-Methyltransferase	gi 55669632	32611.07	6.58	20	- do-
7	IFIT2	gi 116283326	48070.11	8.41	36	2.11
8	dystrobrevin-gamma	gi 1255993	58898.43	8.47	30	2.2
9	Heat shock 70 kDa protein 1A/1B	gi 167466173	70052.23	5.47	31	1.95
10	WD repeat-containing and planar cell polarity effector protein fritz homolog	gi 111548652	85083.71	5.96	28	2.11

