

Table S3. The list of differentially expressed protein between epilepsy and control group by TMT-based proteomics analysis.

Protein	E1/C1	E2/C2	E3/C3	E4/C4	E5/C5	Down	Up	SUM	
P60201	Up			Down	Up	1	2	3	Up
P13489	Down			Down		2	0	2	Down
Q99972	Up		Up			0	2	2	Up
P10599	Down	Down	Down	Down	Up	4	1	5	Down
P00748	Up	Up	Up	Up		0	4	4	Up
P22105	Down			Down		2	0	2	Down
P01008	Down		Up			1	1	2	
P02751	Up	Down	Up		Up	1	3	4	Up
P12821	Down	Down	Up	Down		3	1	4	Down
P08123	Down	Down	Up			2	1	3	Down
P06276	Up			Down	Down	2	1	3	Down
P16157	Down	Down			Up	2	1	3	Down
P07942	Down			Down		2	0	2	Down
P01023	Down		Up	Down	Up	2	2	4	
P00441	Down	Down	Down	Down		4	0	4	Down
P17936	Down		Down	Up		2	1	3	Down
P48506	Down		Down	Down	Up	3	1	4	Down
P29622	Down	Down		Up		2	1	3	Down
P02452	Down	Down	Up			2	1	3	Down
Q12884	Down			Down		2	0	2	Down
P62158	Down	Down	Down	Down	Up	4	1	5	Down
Q06830	Down	Down	Down	Down	Up	4	1	5	Down
P32004	Down		Up		Down	2	1	3	Down
P06727	Down			Down	Down	3	0	3	Down
P02042	Down	Down	Down	Down	Up	4	1	5	Down
O43505	Down				Up	1	1	2	
P01024	Up		Down			1	1	2	
P61626	Up			Up		0	2	2	Up
P40925	Down	Down	Down	Down		4	0	4	Down
Q9NPH3	Down		Down			2	0	2	Down
P23142	Down	Down	Up			2	1	3	Down
P08195	Down		Up			1	1	2	
P13598	Up				Up	0	2	2	Up
P16035	Down	Down				2	0	2	Down
P02549	Down	Down		Down	Up	3	1	4	Down
P12111	Down	Down	Up			2	1	3	Down
P04004	Up				Down	1	1	2	
O95479	Down	Up				1	1	2	
P31151	Down	Up			Up	1	2	3	Up
P04075	Down	Down	Down	Down		4	0	4	Down
P49913	Up			Up	Down	1	2	3	Up
P02743	Up		Down	Up		1	2	3	Up
P60174	Down	Down			Up	2	1	3	Down
P02458	Down				Down	2	0	2	Down
Q08554	Down				Up	1	1	2	
P62987	Down	Down	Down	Down		4	0	4	Down
P02654	Up		Up	Down		1	2	3	Up
P00568	Down	Down	Down	Down		4	0	4	Down
O43866	Down		Up	Up		1	2	3	Up
Q04756	Up	Down		Down		2	1	3	Down
Q13421	Down		Up			1	1	2	
P22891	Up	Down				1	1	2	
Q96KG7	Down			Down		2	0	2	Down
P18428	Up	Down	Down	Up		2	2	4	
P08519	Down	Down		Down	Down	4	0	4	Down
P26447	Down	Down	Down	Down		4	0	4	Down
P07237	Down		Down		Up	2	1	3	Down
P01009	Down	Up	Up	Up	Down	2	3	5	
P69892	Down	Down		Down	Up	3	1	4	Down
P08253	Down		Up			1	1	2	
P54108	Up		Up	Up		0	3	3	Up
Q14766	Down			Up	Down	2	1	3	Down
P18850	Down		Up			1	1	2	
P23526	Down	Down	Down	Down	Up	4	1	5	Down
P14923	Down				Up	1	1	2	
P15924	Down				Up	1	1	2	
Q99983	Down			Down		2	0	2	Down
Q6UXB8	Down				Up	1	1	2	
P54289	Down		Up		Down	2	1	3	Down
P22392	Down	Down	Down	Down		4	0	4	Down
Q9HDC9	Up		Up	Down		1	2	3	Up
Q06033	Down				Up	1	1	2	
P00918	Down	Down	Down	Down	Up	4	1	5	Down
P07360	Up			Up		0	2	2	Up
Q01469	Down				Up	1	1	2	
P0DJ19	Up	Down	Down		Up	2	2	4	
P23471	Down			Down		2	0	2	Down
P07358	Up			Up		0	2	2	Up
P32119	Down	Down	Down	Down	Up	4	1	5	Down
P02775	Down	Up	Down	Up	Down	3	2	5	
P30041	Down	Down	Down	Down	Down	5	0	5	Down
Q13228	Down	Down		Down		3	0	3	Down
P63104	Down	Down			Up	2	1	3	Down
P02649	Up	Down				1	1	2	
Q96KN2	Up	Down				1	1	2	
Q6P179	Down	Up		Up	Down	2	2	4	
P04040	Down	Down	Down	Down		4	0	4	Down
Q9Y5Y7	Down		Down			2	0	2	Down
P01871	Down		Up	Up		1	2	3	Up
P07339	Up			Up		0	2	2	Up
P43652	Up			Up	Down	1	2	3	Up
P01780	Down			Up		1	1	2	
P08603	Up	Up	Up	Up		0	4	4	Up
P00558	Down	Down		Down		3	0	3	Down
P04278	Down		Up	Down	Up	2	2	4	
P02786	Down		Down			2	0	2	Down
O00391	Down				Down	2	0	2	Down
Q8NFI4	Down	Down		Down		3	0	3	Down
Q5T749	Down		Up		Up	1	2	3	Up
Q9BYZ6	Down		Down	Down		3	0	3	Down
O14791	Up			Up	Down	1	2	3	Up
P07359	Down	Up		Up		1	2	3	Up
P02750	Down	Up	Down	Up		2	2	4	

P01834	Down		Up	Down	
O15335	Down		Up		
Q08380	Up		Down	Down	
P05090	Down	Up		Down	
O15394	Down			Up	
Q13103	Down			Up	
P13591	Down		Up	Down	
Q13201	Down			Up	Down
P0CG06	Down	Up			Down
P01857	Down		Down		Down
P05154	Down	Down			
B9A064	Down			Up	Down
P68871	Down	Down		Down	Up
P58546	Down			Down	
P31947	Down	Down		Down	
P30043	Down	Down		Down	Up
P00738	Up	Down	Down	Up	Down
P09960	Up	Down			
P11226	Down	Down	Up	Down	Down
P02787	Down			Up	
P35858	Down			Up	
P43121	Up		Up	Down	
Q15063	Down		Up	Down	Down
P07911	Down	Up	Up		Up
P13716	Down	Down	Down	Down	
P13942	Down	Down	Down	Down	
Q02413	Down				Up
Q03591	Up	Up			Up
P24666	Down	Down			
Q6YHK3	Down			Down	
P14314	Down				Down
P05156	Up	Up	Down		Up
P02763	Up	Up	Down	Up	Up
P07738	Down	Down		Down	
P04406	Down	Down	Down	Down	Up
P01031	Up			Up	
P09486	Down	Up		Up	Down
P19652	Up	Up	Down	Up	
P00915	Down	Down	Down	Down	
P14543	Down			Up	
Q6UY14	Down		Up	Down	
P50395	Down	Down	Down	Down	
P04196	Up		Down		
Q9Y6R7		Up		Down	
P02647		Down		Down	
P11142		Down	Down	Down	
P03950		Down		Up	Down
P62258		Down		Down	
Q86UD1		Down		Up	
P14780		Down			Down
P01011		Up			Up
P12259		Down	Up		Down
P36955		Down	Down		
Q6NXT2		Up	Down	Down	Up
P02748		Up		Up	
P29401		Down	Down	Down	
P30566		Down		Down	
Q9BTY2		Down			Down
P18065		Up	Up		Down
Q15166		Down		Down	Up
P05186		Up	Up		
P55072		Down	Down		
Q99497		Down		Down	
P24593		Down		Up	
P49908		Down		Down	
P01860		Up		Down	Down
P09172		Up	Up	Up	Up
Q92496		Up	Down		
Q4G0P3		Down	Down		
Q8NBP7		Down		Down	
P62937		Down	Down	Down	Up
P55103		Down		Up	
P0COL5		Up			Up
Q9UK55		Down	Down		
P35916		Up		Up	
P27169		Down			Up
Q9NZ08		Down	Up		
P16070		Up	Up		
P78417		Down		Down	
P06733		Down	Down		Up
P06702		Up	Down	Up	
Q15113		Up	Up		
P30086		Down		Down	
P52209		Down		Down	Up
Q9Y5C1		Down	Down		Up
P54802		Down		Down	Up
P36980		Up	Down	Down	Up
P00352		Down	Down	Down	
P11277		Down		Down	Up
P04275		Down	Up	Down	
P06732		Up		Down	
P26038		Down		Down	
P02656			Up	Down	Down
P02675			Up	Up	Up
Q86U17			Up		Down
Q99878			Down		Up
P35443			Up		Down
P10643			Up	Up	
Q6UVK1			Up	Down	
P20742			Up	Up	
P19961			Up	Up	
P02745			Down		Up
P02671			Up	Up	Up
P55290			Up	Down	
P11597			Down	Down	

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0	2	2	Up
1	1	2	
0	2	2	Up
0	2	2	Up
1	1	2	
0	3	3	Up
1	1	2	
2	0	2	Down

P00740	Down	Up	
P17813	Up	Down	
P02679	Up	Up	Up
P02766		Up	Down
P08185		Down	Up
O15031		Up	Down
P14625	Down	Down	
P04433	Up	Up	Down
P20023	Up	Up	

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0	3	3	Up
1	1	2	
1	1	2	
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2	0	2	Down
1	1	2	
0	2	2	Up

group	total
Up	46
unknown	12
Down	111