

Design-based Quantification of Proteins

Source	
Name :	F1P/F1
Location in myProMS :	Camille Gelot > 06/12/2022 - Partners of Phospho POLQ - Quantif > Label Free Quantification
Design level :	Experiment
Peptide XIC extraction engine :	MassChroQ (v2.2.21)
Labeling :	Label-free
Quantification parameters	
Quantification method :	Protein ratio based on peptide intensity [Simple ratios - Matching topN peptides - Software: myProMS-Quant v3.8]
State #1 :	F1: 5 bio. rep. / 5 observations <ul style="list-style-type: none"> •E0981FD : XIC extraction all •E0984FD : XIC extraction all •E0987FD : XIC extraction all •E0990FD : XIC extraction all •E0993FD : XIC extraction all
State #2 :	F1P: 5 bio. rep. / 5 observations <ul style="list-style-type: none"> •E0982FD : XIC extraction all •E0985FD : XIC extraction all •E0988FD : XIC extraction all •E0991FD : XIC extraction all •E0994FD : XIC extraction all
Peptide selection :	<ul style="list-style-type: none"> •Proteotypic peptides only. •Missed cleavage allowed. •No modifications allowed. •All charge states. •All sources.
Protein selection :	All visible proteins
Bias correction :	Median & Scale at peptide level
Infinite ratios :	Not avoided
Created :	07/12/2022 09:58:29 by Florent Dingli
Export settings	
Ratios exported :	•F1P/F1
Fold change \geq	2 (INF=1000)
Adj. p-value \leq	*User selection*
Coefficient of variation \leq	*User selection*
Peptides used for ratio \geq	3
Sort by :	Peptides used
Restrict to proteins in List :	Dam > Up in F1P & F1 /beads >3 5PD 5rep

25/72 proteins	Gene & Synonyms	F1P/F1						Total peptides in set	MW (kDa)	Description	Species
		Ratio	Log2(Ratio)	Adj. p-value	CV %	Dist. pept. used	Pept. used				
P53621	COPA	2,310036	1,207915	5,94E-59	5,457941	67	809	999	138,3	Coatamer subunit alpha	Homo sapiens
P46940	IQGAP1,KIAA0051	8,673016	3,116534	5,1E-184	2,339064	75	722	1042	189,3	Ras GTPase-activating-like protein IQGAP1	Homo sapiens
P12270	TPR	7,377798	2,88319	8E-120	3,122108	66	580	1107	267,3	Nucleoprotein TPR	Homo sapiens
O75165	DNAJC13,KIAA0678,RME8	3,662649	1,872887	1,76E-52	5,286823	51	404	586	254,4	DnaJ homolog subfamily C member 13	Homo sapiens
Q14789	GOLGB1	6,535571	2,708313	9,91E-93	3,317698	46	380	806	376,0	Golgin subfamily B member 1	Homo sapiens
Q9Y4P3	TBL2,WBSCR13,UNQ563/PRO1125	2,005983	1,004309	4,77E-16	10,86294	27	302	404	49,8	Transducin beta-like protein 2	Homo sapiens
Q9Y305	ACOT9,CGI-16	2,397907	1,261775	3,87E-17	10,13246	23	223	276	49,9	Acyl-coenzyme A thioesterase 9, mitochondrial	Homo sapiens
O15078	CEP290,BBS14,KIAA0373,NPHP6	2,573007	1,363455	1,92E-18	9,507075	34	203	372	290,4	Centrosomal protein of 290 kDa	Homo sapiens
P83111	LACTB,MRPL56,UNQ843/PRO1781	4,509831	2,173073	8,16E-44	5,014934	21	198	257	60,7	Serine beta-lactamase-like protein LACTB, mitochondrial	Homo sapiens
Q9P1Y5	CAMSAP3,KIAA1543	3,322523	1,732279	2,44E-21	8,607837	25	196	277	134,8	Calmodulin-regulated spectrin-associated protein 3	Homo sapiens
Q13769	THOC5,C22orf19,KIAA0983	7,783691	2,960455	2,46E-50	4,305671	23	187	316	78,5	THO complex subunit 5 homolog	Homo sapiens
Q9P0L0	VAPA,VAP33	3,44386	1,784027	1,1E-20	8,738599	10	183	208	27,9	Vesicle-associated membrane protein-associated protein A	Homo sapiens
Q92547	TOPBP1,KIAA0259	2,596899	1,37679	1,92E-18	9,335861	21	175	313	170,7	DNA topoisomerase 2-binding protein 1	Homo sapiens
Q96FV9	THOC1,HPR1	4,356188	2,123066	4,96E-27	6,958328	15	159	272	75,7	THO complex subunit 1	Homo sapiens
Q13393	PLD1	4,57721	2,194468	1,66E-22	7,865281	22	152	294	124,2	Phospholipase D1	Homo sapiens
O14579	COPE	2,628099	1,39402	1,82E-16	9,696928	10	133	165	34,5	Coatamer subunit epsilon	Homo sapiens
Q9UBH6	XPR1,SYG1_XR	2,369075	1,244324	4,76E-18	8,380219	7	95	98	81,5	Xenotropic and polytropic retrovirus receptor 1	Homo sapiens
Q13190	STX5,STX5A	2,080326	1,05681	1,54E-09	13,35044	8	92	121	39,7	Syntaxin-5	Homo sapiens
Q9Y6X9	MORC2,KIAA0852,ZCWCC1	3,695243	1,885669	1,66E-13	10,2495	13	90	129	117,8	ATPase MORC2	Homo sapiens
Q86W42	THOC6,WDR58,PSEC0006	8,64146	3,111275	3,31E-19	7,04894	10	74	114	37,5	THO complex subunit 6 homolog	Homo sapiens
O75528	TADA3,ADA3,TADA3L	2,407508	1,267541	5,62E-06	17,82711	8	68	82	48,9	Transcriptional adapter 3	Homo sapiens
Q96J01	THOC3	2,258921	1,175634	7,36E-05	20,40859	6	60	119	38,8	THO complex subunit 3	Homo sapiens
Q4VC44	FLYWCH1,KIAA1552	8,956446	3,162926	1,38E-27	4,053471	7	59	96	80,1	FLYWCH-type zinc finger-containing protein 1	Homo sapiens
P57772	EEFSEC,SELB	7,530191	2,912686	5,16E-18	5,846612	5	46	112	65,3	Selenocysteine-specific elongation factor	Homo sapiens
Q9Y485	DMXL1,XL1	6,878255	2,782043	3,86E-08	8,526515	3	21	182	337,8	DmX-like protein 1	Homo sapiens