

The consistent differential urinary proteins between DDA and DIA experiment for comparing the three syndromes

Category	Protein	Protein description	Gene name	Experiment	Average of WH	Average of DP	Ratio of WH/DP	P value
WH vs DP	P14550	Aldo-keto reductase family 1 member A1	AKR1A1	DDA	13.4	4.2	3.19	0.003339
				DIA	206413.4	95967.05	2.15	0.040143
	P60900	Proteasome subunit alpha type-6	PSMA6	DDA	1.2	0.2	6.00	0.013658
				DIA	23628.6	9422.906	2.51	0.017688
Category	Protein	Protein description	Gene name	Experiment	Average of WH	Average of SD	Ratio of WH/SD	P value
WH vs SD	P06865	Beta-hexosaminidase subunit alpha	HEXA	DDA	21.4	8	2.68	0.004692
				DIA	2554702	1111342	2.30	0.039623
	P09668	Pro-cathepsin H	CTSH	DDA	16.2	7.2	2.25	0.008975
				DIA	1527499	692182.9	2.21	0.036196
	P25774	Cathepsin S	CTSS	DDA	5.4	1	5.40	0.000523
				DIA	498177.3	143649.2	3.47	0.034614
Category	Protein	Protein description	Gene name	Experiment	Average of DP	Average of SD	Ratio of DP/SD	P value
DP vs SD	P05062	Fructose-bisphosphate aldolase B	ALDOB	DDA	14	23.8	0.59	0.037478
				DIA	898592.1	2130411	0.42	0.011024
	Q7Z5L0	Vitelline membrane outer layer protein 1 homolog	VMO1	DDA	10	17.4	0.57	0.014804
				DIA	2521411	3816847	0.66	0.017548
	P04406	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	DDA	8.6	16.8	0.51	0.040786
				DIA	669226.2	1126473	0.59	0.03553

O00468	Agrin	AGRN	DDA	17.4	10.2	1.71	0.019642
			DIA	1094002	447869.9	2.44	0.017099
P07148	Fatty acid-binding protein, liver	FABP1	DDA	2.4	14	0.17	0.014546
			DIA	436005.9	1501228	0.29	0.04668
P27797	Calreticulin	CALR	DDA	2	6.8	0.29	0.027343
			DIA	48663.13	76030.34	0.64	0.041285
P62258	14-3-3 protein epsilon	YWHAE	DDA	5	8.8	0.57	0.033121
			DIA	174237.1	303515.2	0.57	0.008594
Q99497	Parkinson disease protein 7	PARK7	DDA	4.6	8.6	0.53	0.029259
			DIA	114008.7	197698.3	0.58	0.012637
P21695	Glycerol-3-phosphate dehydrogenase [NAD (+)], cytoplasmic	GPD1	DDA	1.4	6.4	0.22	0.034759
			DIA	79475.26	157561.3	0.50	0.046845
P31946	14-3-3 protein beta/alpha	YWHAB	DDA	3.8	7.4	0.51	0.033193
			DIA	249944.1	446463.7	0.56	0.000322
P13489	Ribonuclease inhibitor	RNH1	DDA	1.6	5.2	0.31	0.001895
			DIA	133877.5	248240.8	0.54	0.018139
P34896	Serine hydroxymethyltransferase, cytosolic	SHMT1	DDA	1	5	0.20	0.012658
			DIA	104351.6	262834.3	0.40	0.01236
Q04760	Lactoylglutathione lyase	GLO1	DDA	1	3	0.33	0.01076
			DIA	128108.8	202842.8	0.63	0.010238
Q9NQR4	Omega-amidase NIT2	NIT2	DDA	1.2	4	0.30	0.023237
			DIA	70707.37	143393.2	0.49	0.025826
P16930	Fumarylacetoacetase	FAH	DDA	1.2	4.2	0.29	0.015997

			DIA	154627.3	324700.2	0.48	0.005114
P09417	Dihydropteridine reductase	QDPR	DDA	0.6	2.8	0.21	0.030056
			DIA	72660.36	182880.8	0.40	0.002787

The numbers represent the average of the spectra counts or the abundance of each protein. WH, wind-heat syndrome; DP, damp-poison syndrome; SD, spleen-deficiency syndrome.