Proteome vs transcriptome direction at equivalent cutoff

Proteome cutoff p <	**1**	**0.9**	**0.8**	**0.7**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.1**	**0.05**
Transcriptome cutoff q <	**1**	**0.9**	**0.8**	**0.7**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.1**	**0.05**
Same - Probeset vs Protein	1831	834	362	180	115	75	34	14	9	2	0
Opposite - Probeset vs Protein	1916	634	316	141	77	49	22	6	1	0	0
% in same direction	49	57	53	56	60	60	61	70	90	100	
Chi sq.p-value	0.165	**0.000**	**0.077**	**0.029**	**0.006**	**0.020**	0.109	0.074	**0.011**	0.157	
Same - Gene vs Protein	1099	538	274	139	85	55	27	11	5	2	0
Opposite - Gene vs Protein	1220	441	239	119	65	44	18	6	1	0	0
% in same direction	47	55.0	53.4	53.9	56.7	55.6	60.0	64.7	83.3	100.0	
Chi sq.p-value	0.012	**0.002**	0.122	0.213	0.102	0.269	0.180	0.225	0.102	0.157	

Significant proteome vs filtered transcriptome direction

Proteome cutoff p <	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**
Transcriptome cutoff q <	**1**	**0.9**	**0.8**	**0.7**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.1**	**0.05**
Same - Probeset vs Protein	205	113	64	34	24	17	6	4	3	2	0
Opposite - Probeset vs Protein	182	56	27	16	10	8	3	0	0	0	0
% in same direction	53	66.9	70.3	68.0	70.6	68.0	66.7	100.0	100.0	100.0	
Chi sq.p-value	0.242	**0.000**	**0.000**	**0.011**	**0.016**	0.072	0.317	**0.046**	0.083	0.157	
Same - Gene vs Protein	124	77	49	49	16	13	5	3	2	2	0
Opposite - Gene vs Protein	124	37	22	14	9	8	3	0	0	0	0
% in same direction	50	68	69	78	64	62	63	100	100	100	
Chi sq.p-value	1.000	**0.000**	**0.001**	**0.000**	0.162	0.275	0.480	0.083	0.157	0.157	

Significant transcriptome vs filtered proteome direction

Proteome cutoff p <	**1**	**0.9**	**0.8**	**0.7**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.1**	**0.05**
Transcriptome cutoff q <	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**
Same - Probeset vs Protein	6	6	6	6	6	6	5	3	2	0	
Opposite - Probeset vs Protein	1	0	0	0	0	0	0	0	0	0	
% in same direction	90	100	100	100	100	100	100	100	100		
Chi sq.p-value	0.059	**0.014**	**0.014**	**0.014**	**0.014**	**0.014**	**0.025**	0.083	0.157	#DIV/0!	
Same - Gene vs Protein	3	3	3	3	3	3	3	2	1	0	0
Opposite - Gene vs Protein	1	0	0	0	0	0	0	0	0	0	0
% in same direction	75	100	100	100	100	100	100	100	100		
Chi sq.p-value	0.317	0.083	0.083	0.083	0.083	0.083	0.083	0.157	0.317		