

**Table S7. mRNA versus protein qualitative comparison**

Threshold		# Matching Assignments			Concordance
Low	High	Up	Same	Down	
-0.1	0.1	155	11	113	0.49
-0.2	0.2	94	50	86	0.40
-0.3	0.3	58	103	54	0.38
-0.4	0.4	29	149	42	0.38
-0.5	0.5	14	203	31	0.43
-0.6	0.6	6	255	23	0.50
-0.7	0.7	4	289	15	0.54
-0.8	0.8	3	329	12	0.60
-0.9	0.9	2	366	9	0.66
-1.0	1.0	2	398	6	0.71
-1.1	1.1	1	427	5	0.76
-1.2	1.2	1	445	3	0.78
-1.3	1.3	0	466	2	0.82
-1.4	1.4	0	485	2	0.85
-1.5	1.5	0	496	2	0.87

The level of qualitative agreement among a total of 573 protein and mRNA observations in our experiment is shown, using a variety of thresholds to distinguish proteins whose expression is classified as “up”, “down”, or “same”. Except at extremely low thresholds, the agreement among protein and mRNA measurements is dominated by those species that are unchanged in expression.