

**Supplementary Table 2: Gene Ontology (GO) enrichment
analysis of short (S) and medium (M) half-life proteins in
Motif-subgroups 0 and 1**

GO Term	P-value
regulation of programmed cell death	1.01E-06
programmed cell death	1.17E-06
biological regulation	1.36E-06
apoptosis	1.42E-06
developmental process	1.67E-06
regulation of apoptosis	1.73E-06
positive regulation of cellular process	1.75E-06
cell death	1.89E-06
death	1.89E-06
positive regulation of biological process	2.19E-06
positive regulation of programmed cell death	2.79E-06
positive regulation of apoptosis	2.80E-06
cell development	4.20E-06
induction of programmed cell death	5.25E-06
induction of apoptosis	5.38E-06
cell communication	7.74E-06
signal transduction	9.14E-06
apoptotic program	1.21E-05
apoptotic program	1.21E-05
negative regulation of cellular process	1.95E-05
cellular developmental process	2.40E-05
cell differentiation	2.40E-05
regulation of biological process	2.44E-05
negative regulation of biological process	3.14E-05
intracellular signaling cascade	5.44E-05
regulation of a molecular function	6.38E-05
regulation of cellular process	1.35E-04
regulation of catalytic activity	8.00E-04