

**Table I. FAST binary interactions**

Biological process / protein (description)	GeneID	co-IP
<b>DNA transcription</b>		
CBFA2T2 (Core-binding factor, runt domain, $\alpha$ subunit 2)	9139	
HSFX1 (Heat shock transcription factor family, X linked 1)	51402	
RBCK1 (RanBP-type and C3HC4-type zinc finger-containing 1)	10616	+
RUNX1T1 (Runt-related transcription factor 1; cyclin D-related)	862	
TMF1 (TATA element modulatory factor 1)	7110	
<b>RNA splicing</b>		
HNRPK (Heterogeneous nuclear ribonucleoprotein K)	3190	+
KHDRBS1 (KH domain-containing, RNA binding, signal transduction associated 1)	10657	+
SF3B4 (Splicing factor 3b, subunit 4, 49 kDa)*	10262	+
TIA1 (TIA1 cytotoxic granule-associated RNA-binding protein)*	7072	+
TIAL1 (TIA1 cytotoxic granule-associated RNA-binding protein-like 1)*	7073	+
<b>RNA binding</b>		
GRSF1 (G-rich RNA sequence-binding factor 1)	2926	
RBPMS (RNA-binding protein with multiple splicing)	11030	
<b>RNA metabolism</b>		
DUSP11 (Dual-specificity phosphatase 11; RNA/RNP complex 1-interacting)	8446	+
<b>Intracellular signaling</b>		
GPRASP1 (G protein-coupled receptor-associated sorting protein 1)	9737	
MAPK7 (Mitogen-activated protein kinase 7)	5598	
PLSCR1 (Phospholipid scramblase 1)*	5359	+
TRAF1 (TNF receptor-associated factor 1)	7185	
<b>Proteasome</b>		
PSMA3 (proteasome, prosome, macropain, subunit, $\alpha$ type, 3)	5684	+
<b>Uncharacterized</b>		
ARL6IP4 (ADP-ribosylation-like factor 6-interacting protein 4)*	51329	
CALCOCO2 (Calcium binding and coiled-coil domain 2)	10241	
LUC7L2 (LUC7-like 2 <i>S. cerevisiae</i> )	51631	+
RABEP1 (Rabaptin, RAB GTPase-binding effector protein 1)	9135	
RPIB9 (Rap2-binding protein 9)	154661	
TDRD7 (Tudor domain containing 7)	23424	

Identification of potential FAST interactors by two-hybrid system

Asterisk indicates potential interactors obtained by using a pSE1107-based human B cell cDNA library.

Interactions confirmed by coimmunoprecipitation in HEK293T cells are indicated.