

Fleenor, C.J., et al. Supplemental Material

Table S1. BioID ZFP521 interactors

<i>PXIs</i>		<i>NLS-BirA*</i>	<i>Zfp521-BirA*</i>			<i>SAINT value</i>	
<i>Protein ID</i>	<i>Gene Name</i>	<i>Normalized MS (/50K)</i>	<i>Normalized MS (/50K)</i>		<i>Fold-change (lin)</i>	<i>Zfp521.2</i>	<i>Zfp521.3</i>
			<i>Lin scale</i>	<i>log2 scale</i>			
B1AR17	Chd3	0.0	142.5	7.2	475.0	1.00	1.00
B2RY56	Rbm25	0.0	4.0	2.0	13.3	0.96	0.88
D3YW4M4		0.0	283.0	8.1	943.3	1.00	1.00
E0CYV9	LOC102634333	0.0	11.0	3.5	36.7	1.00	1.00
E0CZF0		0.0	7.5	2.9	25.0	0.99	0.99
F8WHY8	Mta1	52.1	405.5	8.7	7.8	1.00	1.00
O08808	Diap1	0.0	16.0	4.0	53.3	1.00	1.00
O35618-2	Mdm4	0.0	7.5	2.9	25.0	0.98	1.00
O54946-2	Dnajb6	0.0	17.0	4.1	56.7	1.00	1.00
O54988-2	Slk	0.0	18.5	4.2	61.7	1.00	1.00
O55029	Copb2	3.5	19.0	4.2	5.5	1.00	0.98
O55131	Sept7	0.0	5.0	2.3	16.7	0.96	0.98
O89053	Coro1a	0.0	25.0	4.6	83.3	1.00	1.00
P08730-2	Krt13	0.0	34.5	5.1	115.0	1.00	1.00
P26638	Sars	0.0	4.5	2.2	15.0	0.88	0.88
P27870	Vav1	0.0	4.5	2.2	15.0	0.98	0.86
P28740-1	Kif2a	1.2	9.0	3.2	7.8	1.00	0.85
P33609	Pola1	2.3	14.5	3.9	6.3	0.98	0.94
P40124	Cap1	0.0	6.5	2.7	21.7	1.00	0.86
P42669	Pura	0.0	10.0	3.3	33.3	1.00	1.00
P48025	Syk	0.0	5.5	2.5	18.3	0.96	0.98
P51125-2	Cast	0.0	9.0	3.2	30.0	0.98	0.98
P53564-3	Cux1	0.0	31.0	5.0	103.3	1.00	1.00
P56959	Fus	198.1	651.5	9.3	3.3	1.00	1.00
P61211	Arl1	0.0	15.0	3.9	50.0	1.00	1.00
P61750	Arf4	0.0	35.5	5.1	118.3	1.00	1.00
P62315	Snrpd1	3.5	25.5	4.7	7.3	0.96	0.94
P63038	Hspd1	3.5	34.0	5.1	9.8	0.98	1.00
P63094-2	Gnas	0.0	14.5	3.9	48.3	1.00	0.98
P81183-2	Ikzf2	7.0	27.5	4.8	4.0	0.90	0.90
P97496-2	Smarcc1	0.0	8.5	3.1	28.3	1.00	0.98
P97807-2	Fh	0.0	7.5	2.9	25.0	1.00	0.98
Q1W617-2	Shroom4	0.0	8.0	3.0	26.7	0.99	0.98
Q3THE2	Myl12b	0.0	5.0	2.3	16.7	0.98	0.98
Q3TV65	Mpnd	0.0	4.5	2.2	15.0	0.98	0.86
Q3TWW0		0.0	161.5	7.3	538.3	1.00	1.00
Q3U515	Vwce	0.0	8.5	3.1	28.3	1.00	0.98

Q3UDY0		0.0	6.0	2.6	20.0	0.98	0.96
Q3UND0	Skap2	1.2	7.5	2.9	6.5	0.98	0.85
Q3UV17	Krt76	1.2	11.5	3.5	9.9	1.00	0.96
Q60973	Rbbp7	38.2	87.0	6.4	2.3	0.93	1.00
Q61818-2	Rai1	2.3	16.0	4.0	6.9	0.98	0.99
Q62167	Ddx3x	0.0	93.0	6.5	310.0	1.00	1.00
Q6KAS7	Znf521	0.0	417.0	8.7	1390.0	1.00	1.00
Q6NVF9	Cpsf6	15.1	49.5	5.6	3.3	0.97	1.00
Q6P1D7	Slx4	1.2	23.0	4.5	19.9	1.00	1.00
Q6Y7W8-2	Gigyf2	0.0	3.0	1.6	10.0	0.86	0.86
Q7TMX5-2	Shq1	0.0	8.0	3.0	26.7	1.00	0.88
Q80U93	Nup214	0.0	8.0	3.0	26.7	0.98	0.98
Q80WJ7	Mtdh	1.2	21.0	4.4	18.1	1.00	0.98
Q8BGD9	Eif4b	24.3	65.0	6.0	2.7	1.00	0.96
Q8BJW6-2	Eif2a	3.5	17.0	4.1	4.9	0.86	0.98
Q8BVE3	Atp6v1h	0.0	7.5	2.9	25.0	1.00	0.98
Q8C3J5	Dock2	0.0	16.0	4.0	53.3	1.00	0.88
Q8C5Z3	Ssxb2	0.0	9.0	3.2	30.0	1.00	1.00
Q8CFV9	Rfk	0.0	5.5	2.5	18.3	0.98	0.98
Q8CG47	Smc4	0.0	3.5	1.8	11.7	0.86	0.88
Q8CGK3	Lonp1	0.0	21.0	4.4	70.0	1.00	1.00
Q8CH09	Sugp2	0.0	8.5	3.1	28.3	1.00	1.00
Q8CHK3	Mboat7	3.5	17.5	4.1	5.0	0.95	0.93
Q8CHY6	Gatad2a	15.1	118.0	6.9	7.8	1.00	1.00
Q8K0U4	Hspa12a	0.0	22.5	4.5	75.0	1.00	1.00
Q8K212	Pacs1	0.0	7.0	2.8	23.3	1.00	0.98
Q8K4L0	Ddx54	0.0	28.5	4.8	95.0	1.00	1.00
Q8R001-2	Mapre2	0.0	10.5	3.4	35.0	1.00	1.00
Q8R2R9	Ap3m2	0.0	8.5	3.1	28.3	0.98	1.00
Q8VHR5	Gatad2b	25.5	145.0	7.2	5.7	1.00	1.00
Q91VR5	Ddx1	0.0	12.0	3.6	40.0	1.00	1.00
Q91WL8-2	Wwox	0.0	9.0	3.2	30.0	0.99	1.00
Q91YY4	Atpaf2	0.0	4.0	2.0	13.3	0.86	0.88
Q922R8	Pdia6	3.5	16.5	4.0	4.7	0.93	0.81
Q924K8-2	Mta3	0.0	41.0	5.4	136.7	1.00	1.00
Q925J9-4	Med1	8.1	36.0	5.2	4.4	0.96	1.00
Q99J99	Mpst	0.0	16.0	4.0	53.3	1.00	1.00
Q99JX4	Eif3m	0.0	6.0	2.6	20.0	1.00	0.96
Q99JY0	Hadhb	0.0	17.5	4.1	58.3	1.00	1.00
Q99LC5	Etfa	0.0	9.5	3.2	31.7	1.00	0.88
Q99N69	Lpxn	0.0	8.5	3.1	28.3	0.99	1.00
Q99PU7	Bap1	0.0	6.5	2.7	21.7	0.98	0.96
Q9CQN1	Trap1	0.0	18.0	4.2	60.0	1.00	1.00
Q9CWH6	Psm8	0.0	8.5	3.1	28.3	1.00	0.98
Q9CZX8	Rps19	4.6	34.0	5.1	7.3	1.00	1.00
Q9D051	Pdhb	1.2	12.5	3.6	10.8	0.98	0.87
Q9D0K2	Oxct1	0.0	4.5	2.2	15.0	0.98	0.88
Q9D7S7-2	Rpl22l1	0.0	7.5	2.9	25.0	0.98	0.99
Q9D7S9	Chmp5	0.0	21.5	4.4	71.7	1.00	1.00
Q9DC69	Ndufa9	0.0	5.0	2.3	16.7	0.98	0.86
Q9EPJ9-2	Arfgap1	0.0	6.5	2.7	21.7	0.99	0.98

Q9EPQ8-2	Tcf20	0.0	20.5	4.4	68.3	1.00	1.00
Q9ERU9	Ranbp2	2.3	15.5	4.0	6.7	0.95	0.93
Q9JHK5	Plek	0.0	13.0	3.7	43.3	1.00	0.98
Q9JK30-2	Orc3	0.0	7.0	2.8	23.3	0.88	0.88
Q9JK91	Mlh1	0.0	6.5	2.7	21.7	1.00	0.86
Q9JLL3	Tnfrsf19	0.0	30.0	4.9	100.0	1.00	1.00
Q9QUI0	Rhoa	0.0	16.0	4.0	53.3	0.98	1.00
Q9QXB9	Drg2	0.0	6.0	2.6	20.0	0.98	0.98
Q9QZ82	Cyp11a1	1.2	12.0	3.6	10.4	1.00	0.87
Q9R190	Mta2	62.6	211.5	7.7	3.4	1.00	1.00
Q9WTI7-2	Myo1c	0.0	11.5	3.5	38.3	1.00	0.98
Q9WUM4	Coro1c	7.0	75.5	6.2	10.9	1.00	1.00
Q9WVL6	Extl3	2.3	14.0	3.8	6.0	0.95	0.95
Q9Z110-2	Aldh18a1	0.0	44.5	5.5	148.3	1.00	1.00
Q9Z1T2	Thbs4	216.7	839.0	9.7	3.9	1.00	1.00
Q9Z2D8-2	Mbd3	15.1	91.0	6.5	6.0	1.00	1.00
Q9Z2E1	Mbd2	5.8	27.0	4.8	4.7	0.90	0.97

Table S2. Antibodies

Antibody	Clone	COMPANY
ckit	2B8	eBioscience
Sca1 FITC	D7	eBioscience
CD34	RAM34	eBioscience
CD135	A2F10	eBioscience
B220	RA3-6B2	eBioscience
CD3e	145-2C11	BD Biosciences
Ter119	TER119	BD Biosciences
CD43	S7	BD Biosciences
BP1	6C3	eBioscience
CD19 ef450	eBio1D3	eBioscience
NK1.1	PK136	eBioscience
ly6C	HK1.4	eBioscience
CD317	eBio927	eBioscience
CD11b	M1/70	eBioscience
GR1	RB6-8C5	eBioscience
CD8	53-6.7	eBioscience
CD4 EF450	GK1.5	eBioscience
CD25 PECY7	PC61.5	eBioscience
CD44 FITC	1M7	BioLegend
CD3 APCCY7	145-2C11	BD Biosciences
IL7RA	A7R34	eBioscience
LY6D	49-H4	BD Biosciences
CD11c	N418	eBioscience
CD19	1D3	BD Biosciences
CD45.2	104	BD Biosciences
CD45.1	A20	eBioscience
IgM	11-26C.2a	BioLegend
IgD	R6-60.2	BD Biosciences