

Table S1. Determination of Exacerbated Pause Sites (EPSs) in RPS12.

The number of sequences at each editing stop site (ESS) in RPS12 for replicates 1 and 2. The average uninduced sample includes the two uninduced MRB7260 samples from this study and 8 uninduced samples from a previous study (n=10) (24). The number of sequences at each editing stop site for each replicate of the induced samples are shown (norm. count) with the associated p and q values for that replicate. Sites are considered significantly increased if $p < 0.05$ and $q < 0.05$ and the norm. count is greater than the average of the uninduced. If an editing stop site is significantly increased in both replicates, this is an EPS and is shown in bold.

RPS12	Average of Uninduced	MRB7260 RNAi					
		Replicate 1			Replicate 2		
ESS	norm. count	norm. count	p value	q value	norm. count	p value	q value
9	1810.85361	1215.4813	0.49713	0.82855	1001.4558	0.35595	0.75541
10	18.00917	13.6885	0.71039	0.89705	16.5982	0.90348	0.9604
11	7.95212	6.4501	0.82069	0.93104	6.5836	0.83639	0.91799
12	564.492	858.792	0.07206	0.28614	567.9553	0.98311	0.98311
13	22.03932	21.2136	0.92274	0.95092	25.9637	0.64486	0.88833
14	27.20883	24.5103	0.64482	0.86572	35.9782	0.13413	0.38234
15	4167.22063	3394.1743	0.49617	0.82855	2732.3053	0.20653	0.50693
16	924.35102	568.3235	0.22885	0.60577	477.2679	0.13077	0.38234
17	12697.94583	5987.8223	0.06281	0.26499	7549.0296	0.15339	0.41417
18	93.06562	66.0775	0.56036	0.84468	96.3438	0.94361	0.97242
19	1301.44915	1617.8945	0.29036	0.68136	1969.1589	0.02568	0.1284
20	28.30055	10.5351	0.19536	0.54946	16.5982	0.39369	0.75541
21	2290.31279	2414.1925	0.87518	0.95092	1605.6675	0.38531	0.75541
22	652.05565	760.4642	0.41876	0.81932	722.6246	0.59865	0.88632
23	185.29764	216.7943	0.64565	0.86572	175.0693	0.8813	0.94551
24	47.84115	88.0077	3.4E-06	3.9E-05	70.6583	0.00836	0.05643
25	10.03654	26.6603	6.2E-06	5.9E-05	20.7709	0.00351	0.0316
26	183.19714	698.4001	0.03902	0.18813	645.4754	0.06403	0.25424
27	134.4245	337.9124	0.03243	0.17242	327.6986	0.04219	0.19639
28	357.13755	1055.9494	6E-07	8.1E-06	587.0571	0.10055	0.32437
29	84.8279	447.3487	0	0	310.3586	0	0
30	115.40823	750.9324	0	0	393.906	0	0
31	1219.75914	2425.3726	1.8E-06	2.2E-05	1509.9728	0.24998	0.59206
32	219.91246	403.9899	0.52897	0.84468	651.3172	0.14008	0.38595
33	1.63822	3.5117	0.27944	0.67366	6.0273	0.01128	0.07253
34	42.76558	123.6982	0.04956	0.22301	154.5766	0.00667	0.05295
35	773.22272	651.7445	0.44401	0.8198	870.432	0.54019	0.85795
36	10.84176	13.7602	0.62941	0.86572	19.1946	0.16724	0.42599
37	120.38137	169.637	0.06562	0.26846	180.3548	0.02499	0.1284
38	5422.39188	5012.2121	0.84799	0.95092	6062.1459	0.76497	0.89026
39	2663.86622	5841.6922	0.00176	0.01249	5518.5779	0.00495	0.04176
40	218.55685	506.2594	2.3E-09	3.4E-08	347.3568	0.00747	0.05502
41	51.26053	58.624	0.6531	0.86572	56.9346	0.72909	0.89026
42	438.59849	644.0761	0.21098	0.57213	733.7518	0.07237	0.27913
43	24.50845	26.517	0.86422	0.95092	46.7346	0.05844	0.23909
44	20.74681	23.2203	0.76682	0.9171	31.8055	0.18492	0.4623
45	25.45747	172.0737	0	0	113.1274	0	0
46	48.11937	244.3863	0	0	219.3003	0	0
47	330.73917	767.9176	0.26094	0.65235	988.8449	0.09059	0.3136
48	84.58704	328.5956	2.1E-09	3.4E-08	267.704	6.9E-06	0.0001
49	45.86271	75.8242	0.13601	0.43717	78.4474	0.10494	0.32947
50	119.75115	177.4488	0.01327	0.08145	172.2875	0.02414	0.1284
51	264.30012	397.1815	0.0778	0.29175	308.6895	0.55577	0.8624
52	3.5716	2.795	0.78761	0.9171	3.8018	0.93635	0.97236

53	75.23206	159.6753	0.00074	0.00584	156.4311	0.00117	0.01215
54	239.65073	432.7286	0.26017	0.65235	624.7044	0.02473	0.1284
55	3244.80877	1889.9445	0.53818	0.84468	2727.8544	0.81431	0.91799
56	33.28748	73.1725	0.00248	0.01677	62.7764	0.0253	0.1284
57	201.98383	315.5521	0.0287	0.16846	254.2585	0.31397	0.68364
58	32.14037	160.2486	0	0	182.9511	0	0
59	233.4867	625.7292	5.8E-06	5.9E-05	498.5952	0.00218	0.021
60	121.58785	384.9263	0	0	338.5477	0	0
61	41.68057	123.4832	0	0	104.5038	0	0
62	1485.41232	1703.1789	0.58416	0.84797	2078.6699	0.13594	0.38234
63	402.0717	316.4122	0.42801	0.8198	579.3607	0.10092	0.32437
64	68.99944	71.9542	0.90638	0.95092	125.8311	0.02369	0.1284
65	338.76451	356.0443	0.90566	0.95092	594.7535	0.07913	0.28873
66	3065.47588	3846.4681	0.46971	0.8198	5942.3421	0.00774	0.05502
67	1253.94982	1908.578	0.2119	0.57213	2261.4356	0.0547	0.23821
68	559.62313	362.7094	0.78976	0.9171	354.6823	0.78141	0.89988
69	94.29777	141.6867	0.10559	0.35636	152.8147	0.04568	0.20555
70	210.40133	291.2568	0.01244	0.07996	256.0203	0.15848	0.4195
71	222.11244	466.7706	0.0004	0.00338	462.3388	0.00051	0.00626
72	27.72797	87.1477	0.00014	0.00128	96.7147	1E-05	0.00014
73	47.38236	87.7927	0.03091	0.17242	88.7401	0.02719	0.13109
74	44.29249	68.2275	0.14449	0.45191	69.1746	0.12926	0.38234
75	140.02333	116.6031	0.57563	0.84468	124.6256	0.71285	0.89026
76	1354.98436	2329.6964	0.46827	0.8198	1783.6114	0.74977	0.89026
77	497.05557	387.4347	0.55221	0.84468	567.7698	0.70137	0.89026
78	143.9576	224.176	0.00085	0.00638	263.624	6.5E-07	1.1E-05
79	258.29205	494.2193	0.18893	0.54267	844.0047	0.00111	0.01215
80	24.10822	51.3856	0.14729	0.45191	56.6564	0.08377	0.29762
81	619.81167	543.5982	0.76816	0.9171	746.9191	0.62298	0.88632
82	2275.41382	2637.1502	0.54528	0.84468	2568.8269	0.62371	0.88632
83	850.27717	487.7692	0.03432	0.17242	546.2571	0.07593	0.28473
84	10.09759	11.2518	0.88493	0.95092	10.7564	0.93416	0.97236
85	56.06636	34.6154	0.38242	0.7964	37.4619	0.44872	0.81405
86	0.14879	0	0.68228	0.88233	0.1855	0.91955	0.96984
87	4.20387	4.3717	0.94318	0.95737	4.6364	0.85427	0.93005
88	29.15214	25.3703	0.74076	0.90912	25.3146	0.73708	0.89026
89	2.70106	3.655	0.573	0.84468	2.04	0.6961	0.89026
90	0.28725	0.645	0.41646	0.81932	0.7418	0.30187	0.66807
91	1.58346	3.01	0.4408	0.8198	2.8745	0.48541	0.81405
92	12.14384	6.8084	0.62398	0.86572	7.0473	0.6396	0.88833
93	35.55556	26.517	0.44048	0.8198	22.5328	0.26639	0.62005
94	46.75154	3.2967	0.46056	0.8198	3.6164	0.46386	0.81405
95	200.49423	135.6666	0.25847	0.65235	212.7166	0.83129	0.91799
96	72.29732	42.8572	0.17013	0.51038	71.0292	0.95288	0.97454
97	102.57272	47.0856	0.09886	0.34221	66.3928	0.28187	0.63421
98	3.6249	1.29	0.59563	0.84803	1.3909	0.61162	0.88632
99	331.77362	173.5071	0.11987	0.39469	246.6549	0.40288	0.75541
100	19.61361	6.7367	0.09482	0.34221	14.5582	0.51193	0.84281
101	5.07651	2.58	0.59676	0.84803	7.8818	0.55218	0.8624
102	10.20469	9.3884	0.87663	0.95092	15.0218	0.3596	0.75541
103	636.20002	358.7677	0.09701	0.34221	403.6423	0.1642	0.42599
104	5.69635	6.2351	0.92052	0.95092	7.8818	0.68565	0.89026
105	0.06073	0	0.6541	0.86572	0	0.6541	0.89026
106	21.86158	22.3603	0.96138	0.96734	21.6055	0.98017	0.98311
107	1524.9635	741.4723	0.03448	0.17242	1205.5488	0.38869	0.75541
108	0.76801	0	0.48165	0.82308	0.3709	0.71599	0.89026

109	214.3174	205.7575	0.89545	0.95092	271.3203	0.3815	0.75541
110	0.87664	0.2867	0.71764	0.89705	0.0927	0.63085	0.88713
111	122.82779	82.4893	0.77366	0.9171	102.0929	0.88248	0.94551
112	34.30488	27.5203	0.68625	0.88233	38.8528	0.78656	0.89988
113	14.95029	7.8118	0.64053	0.86572	8.8091	0.68789	0.89026
114	5.57213	1.2183	0.29273	0.68136	1.9473	0.38104	0.75541
115	44.26685	13.1152	0.38935	0.7964	19.1946	0.48843	0.81405
116	11.13703	3.5117	0.56192	0.84468	5.3782	0.66137	0.89026
117	30.02325	15.9819	0.26823	0.65839	20.5855	0.45678	0.81405
118	55.59923	24.2236	0.30123	0.68474	40.7073	0.62365	0.88632
119	532.11705	329.8856	0.37988	0.7964	405.4969	0.58246	0.8835
120	42.28027	24.2953	0.40272	0.81144	30.2291	0.575	0.88211
121	1.38017	1.29	0.94151	0.95737	1.8545	0.69954	0.89026
122	2.86796	2.795	0.96734	0.96734	3.2455	0.8322	0.91799
123	229.42071	96.1778	0.38154	0.7964	120.4529	0.47421	0.81405
124	43.21258	25.9436	0.3855	0.7964	37.091	0.75837	0.89026
125	16.51534	5.3751	0.1839	0.5397	8.9946	0.36967	0.75541
126	9.58341	4.9451	0.51693	0.84411	5.8418	0.60112	0.88632
127	55.34062	12.0401	0.05492	0.23918	20.3073	0.12042	0.36948
128	24.24767	7.0951	0.04739	0.22059	13.9091	0.23203	0.55936
129	2206.82246	396.0348	0.51897	0.84411	404.5696	0.52095	0.84465
130	6.9911	3.01	0.47013	0.8198	3.1527	0.48619	0.81405
131	9.71545	4.2284	0.07439	0.28692	8.5309	0.7001	0.89026
132	10.14041	4.085	0.30433	0.68474	6.3982	0.52556	0.84465
133	11.36908	9.7468	0.78403	0.9171	13.1673	0.76129	0.89026
134	0.61215	0.7883	0.80161	0.9171	1.9473	0.05685	0.23909
135	62.82975	67.8692	0.87785	0.95092	117.022	0.09837	0.32437
136	1876.37366	637.9844	0.34092	0.75449	938.5866	0.4708	0.81405
137	2759.97501	1974.4405	0.57434	0.84468	2824.1054	0.96343	0.97791
138	934.44982	531.7731	0.47366	0.8198	741.0773	0.73078	0.89026
139	11.54097	7.9551	0.71372	0.89705	14.7437	0.74316	0.89026
140	51.72982	62.5658	0.80121	0.9171	87.9056	0.40058	0.75541
141	3.12177	2.0784	0.72618	0.8994	3.8018	0.81945	0.91799
142	5.3458	4.8734	0.9222	0.95092	9.0873	0.4392	0.81221
143	0	0	NaN	NaN	0	NaN	NaN
144	0	0	NaN	NaN	0	NaN	NaN
145	0	0	NaN	NaN	0	NaN	NaN
146	0	0	NaN	NaN	0	NaN	NaN
147	5.72379	8.4568	0.67011	0.8783	12.7037	0.27661	0.63292