

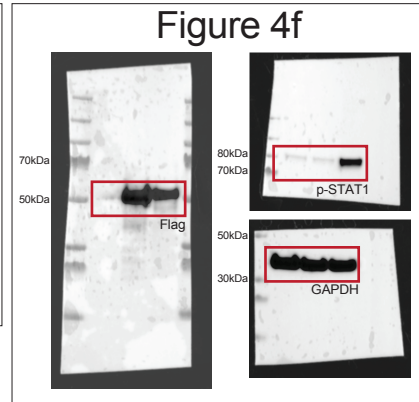
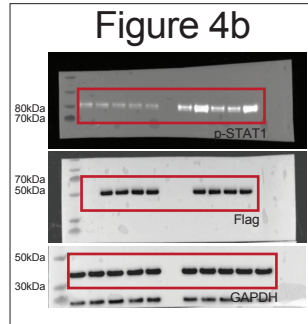
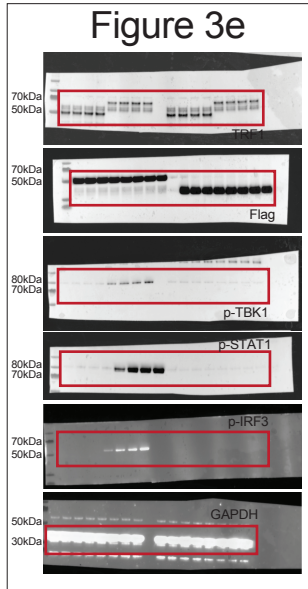
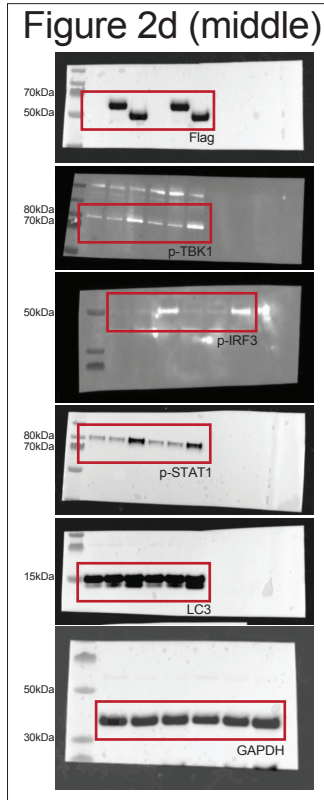
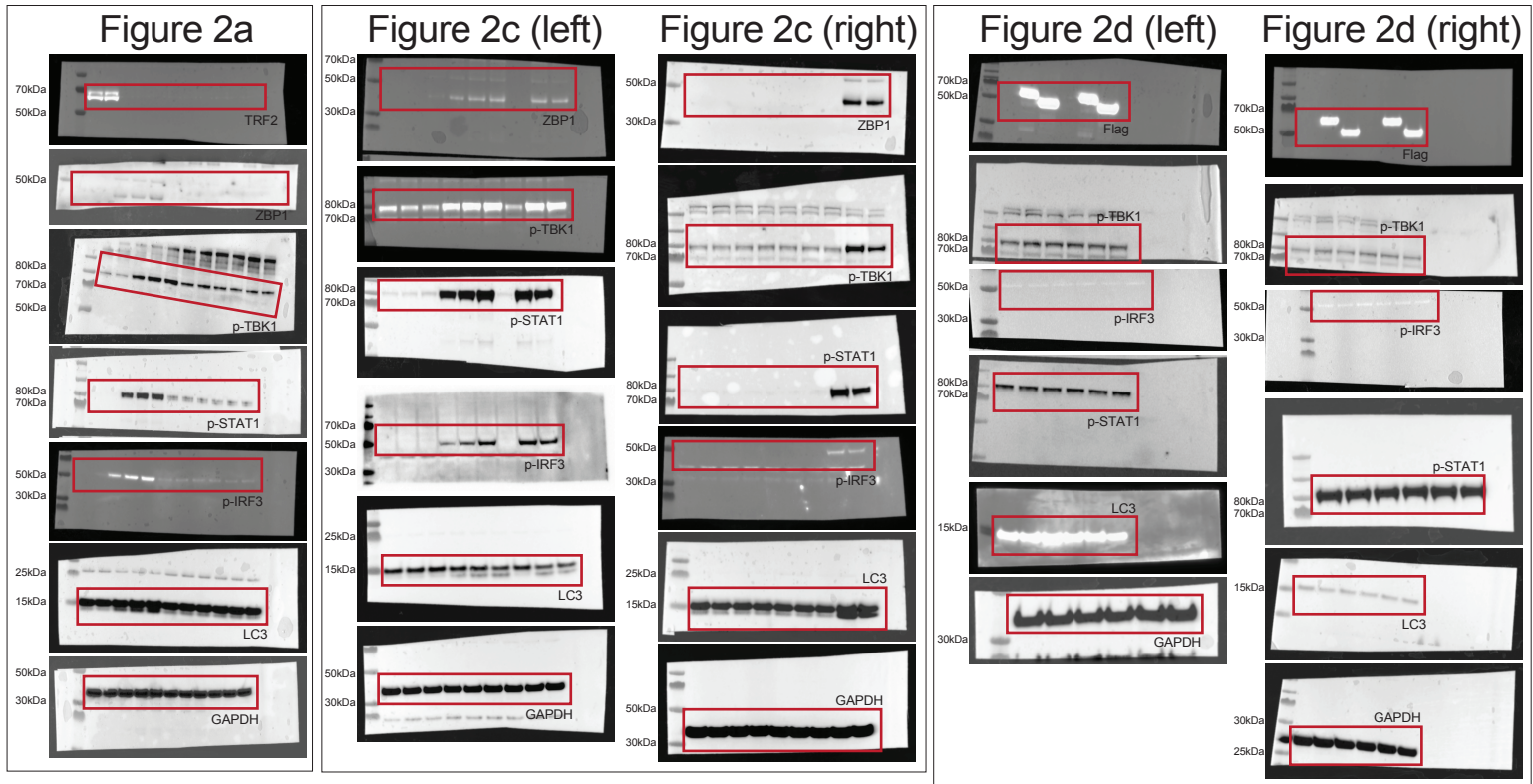
**Supplementary information**

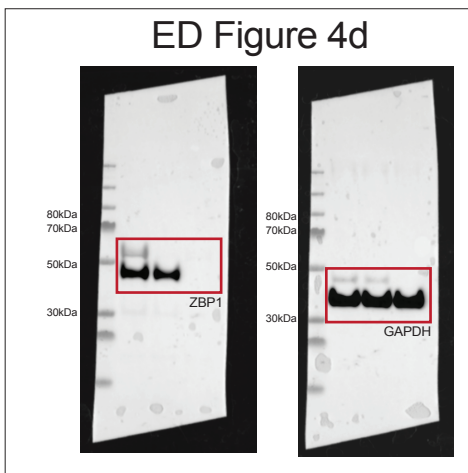
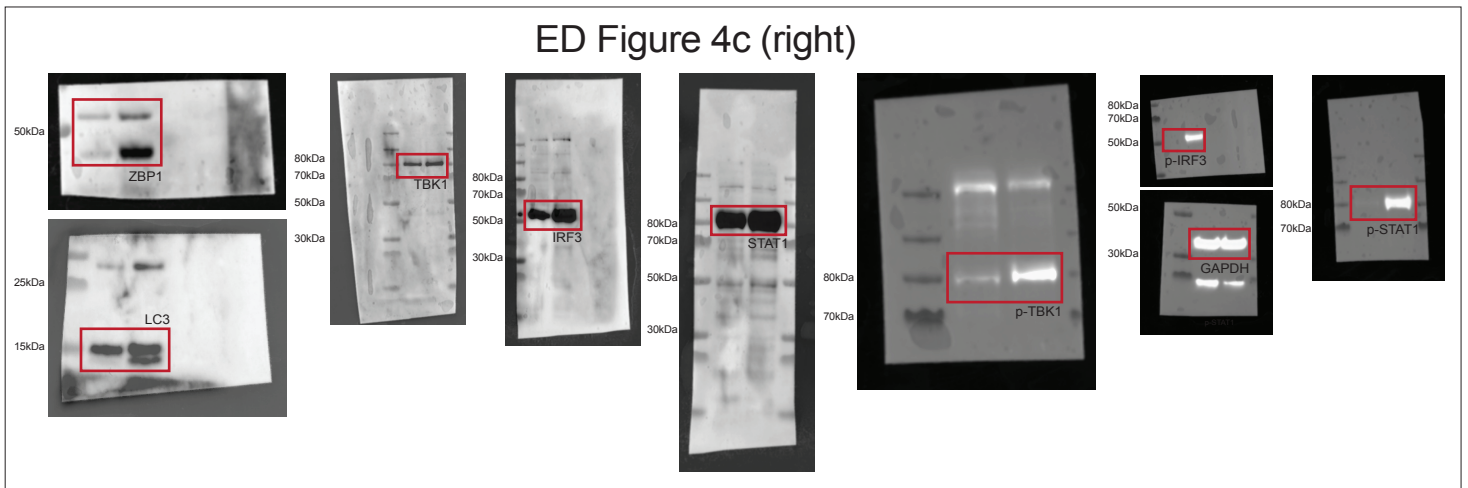
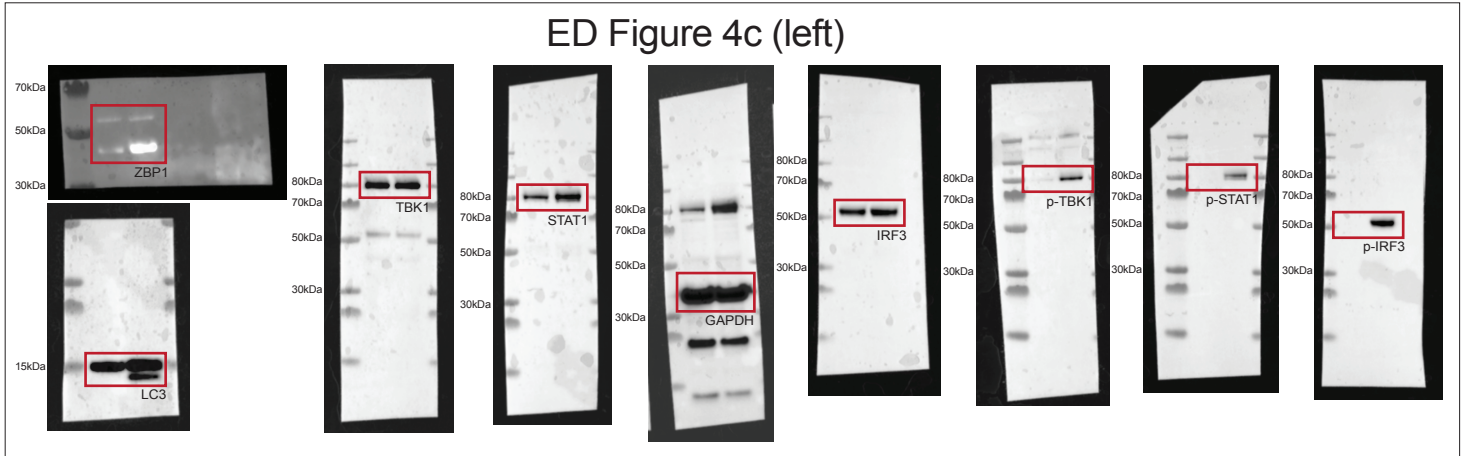
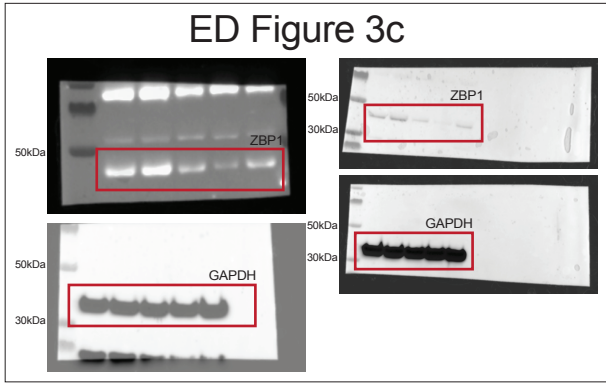
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**Telomere-to-mitochondria signalling by ZBP1 mediates replicative crisis**

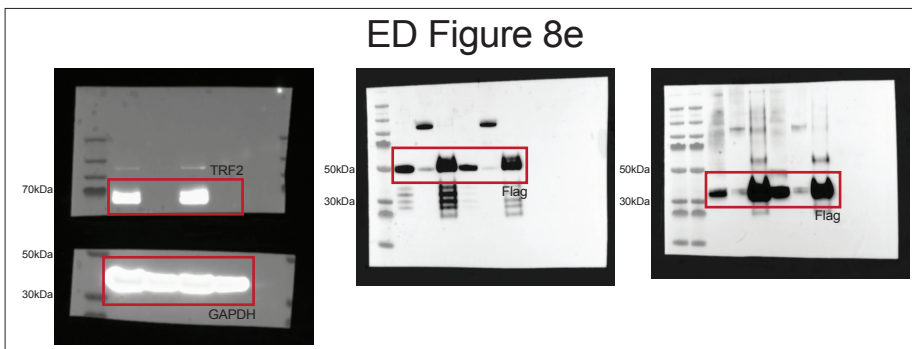
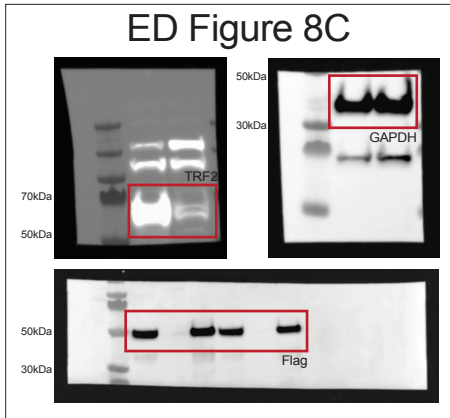
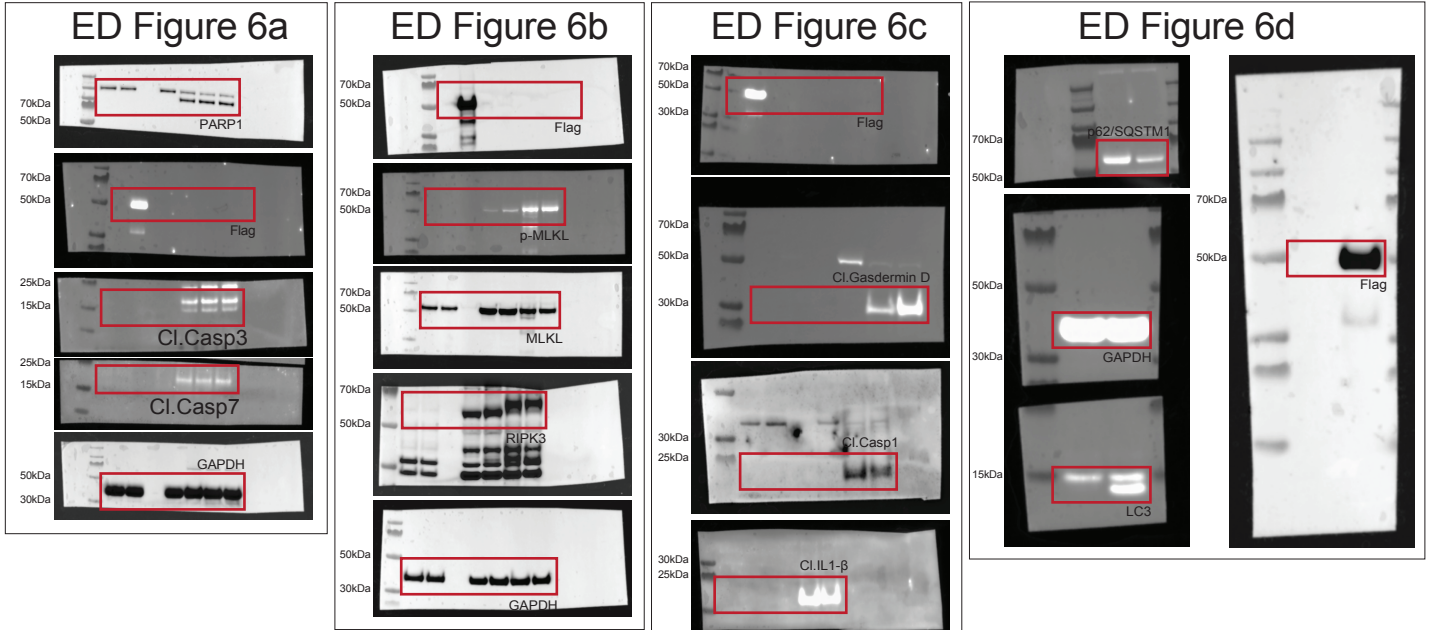
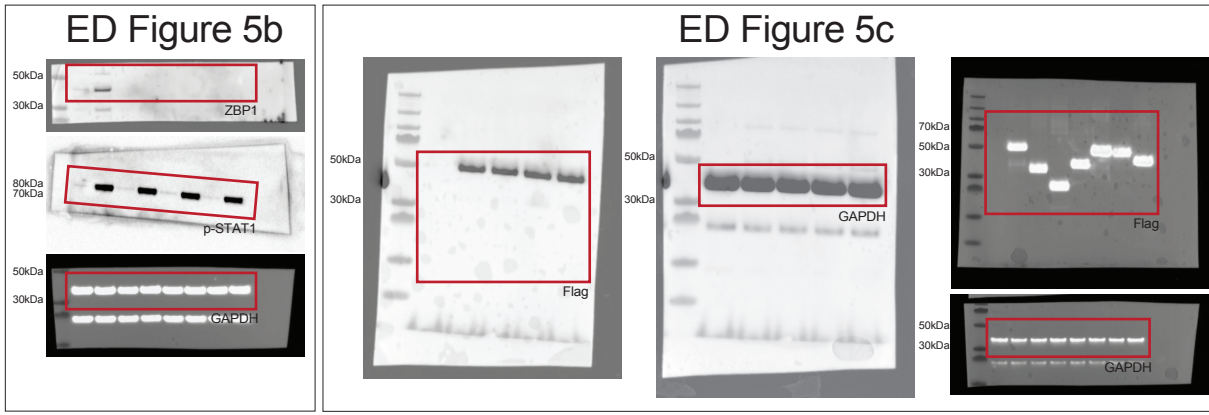
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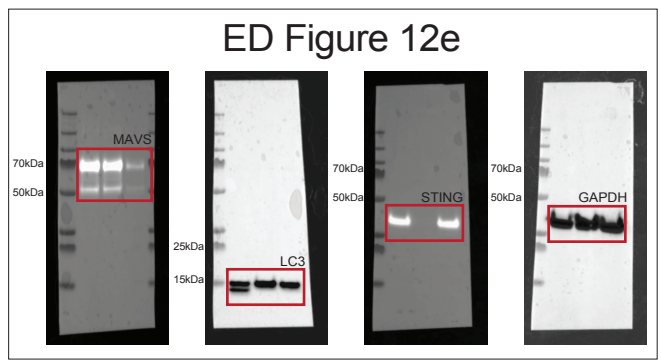
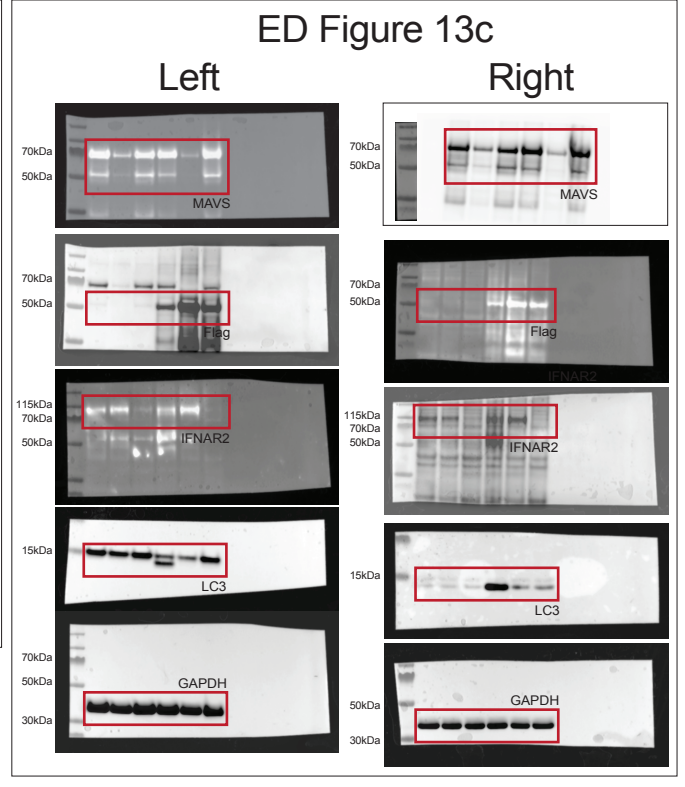
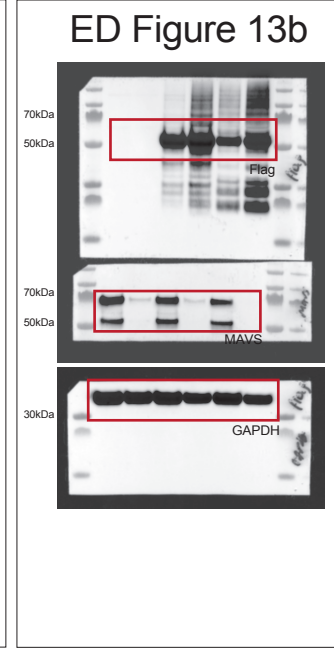
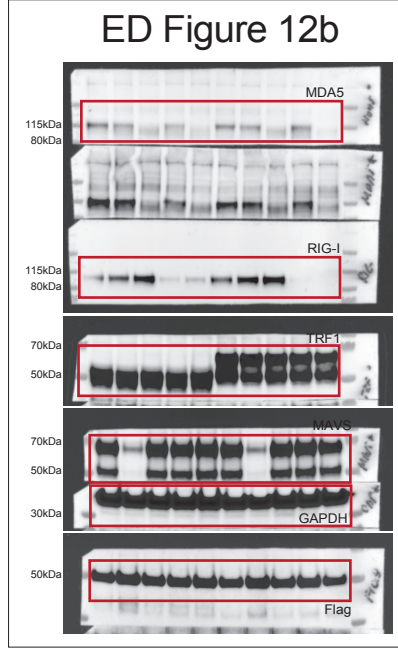
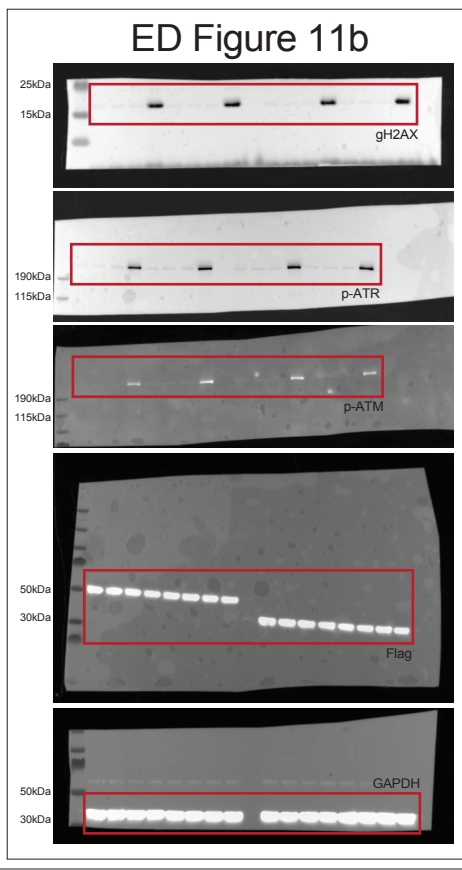
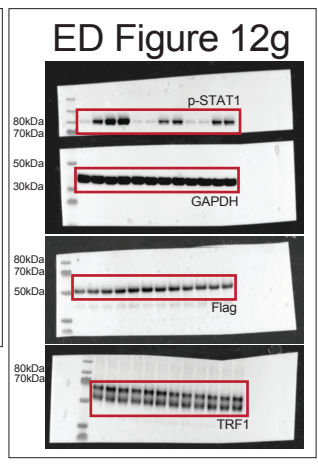
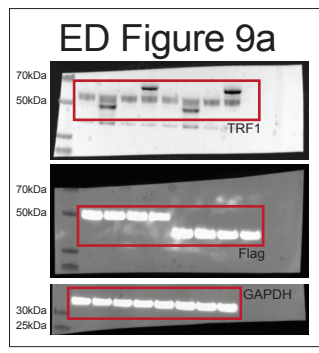
In the format provided by the authors and unedited

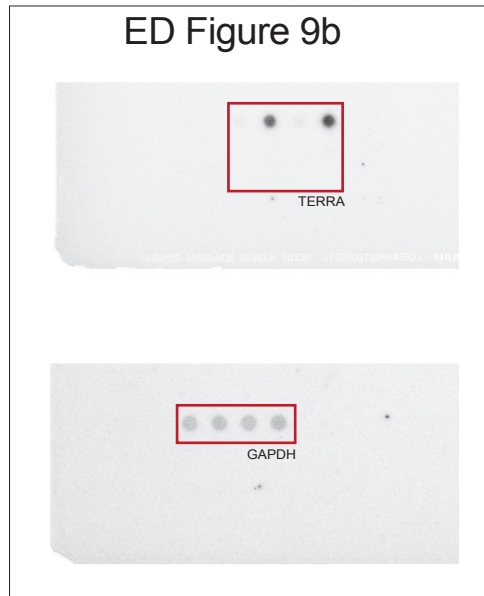
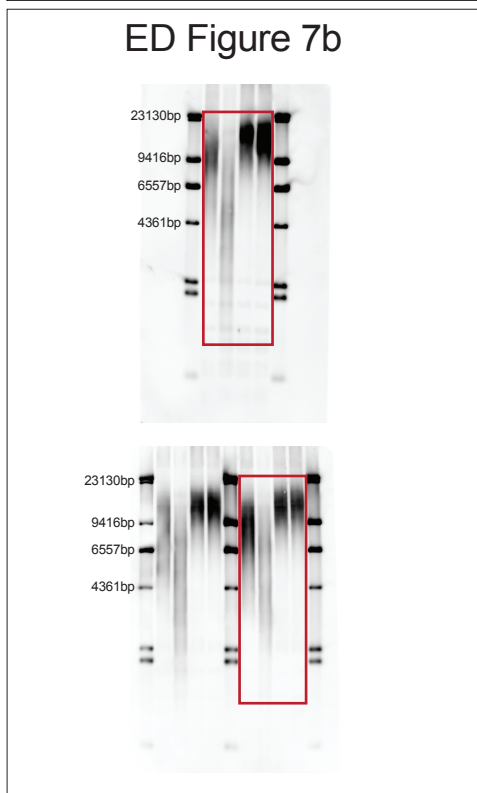
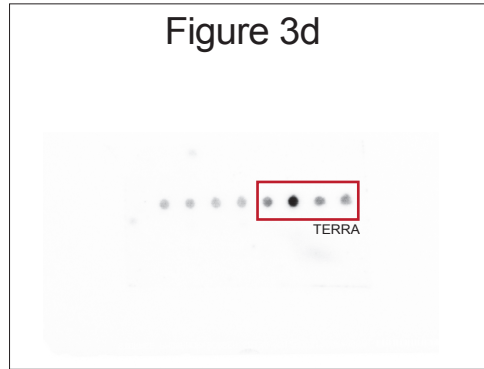
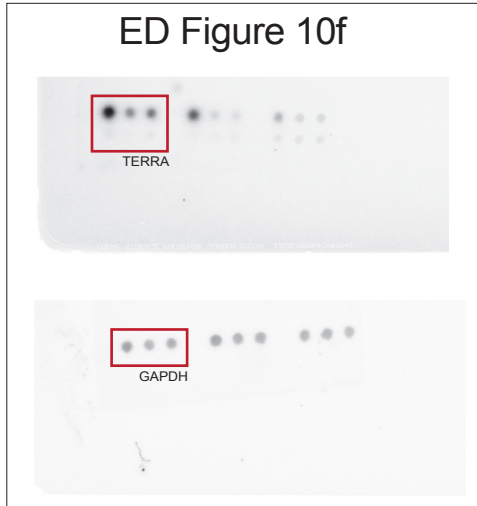
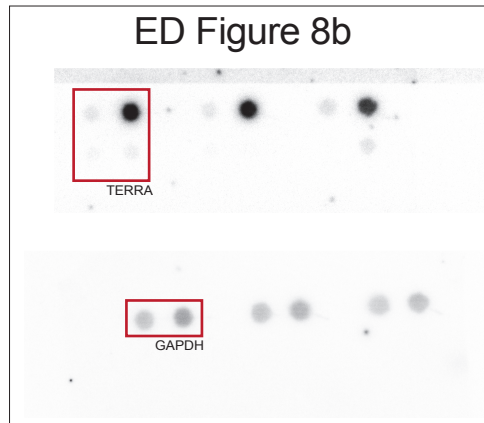
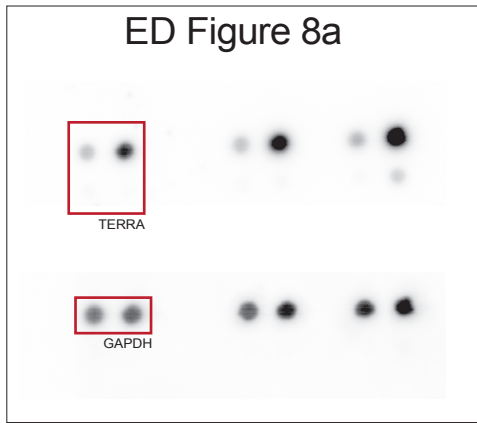




# SI Figure 3







## SI Figure 6

List of enriched gRNAs with a log2 fold change &gt; 2 in both replicates (n=170)

sgRNA	FC (Replicate 1)	FC (Replicate 2)	Gene
BRUGEN23565	16.52924271	13.4438975	KALRN
BRUGEN51482	16.28180204	14.01981645	ZBP1
BRUGEN60319	15.97886721	17.17969	STXBP5
BRUGEN39230	13.99489956	9.222125505	CDK5RAP1
BRUGEN64293	13.21393925	9.919663583	FAM9B
BRUGEN69479	11.56455467	18.08529288	PALM3
BRUGEN22154	11.0617839	10.21406082	LIPF
BRUGEN14706	10.65257814	22.90625333	PRB1
BRUGEN09775	10.53436067	5.467736241	ITGAD
BRUGEN25179	10.49719549	4.230500274	CXCL14
BRUGEN07027	10.30110065	10.45419417	GDF2
BRUGEN45823	10.15510525	11.33384257	LRRC7
BRUGEN66268	10.09817923	11.04588281	TECRL
BRUGEN30228	9.810699591	9.98434783	SLC7A9
BRUGEN73171	9.359989352	7.741076113	CDNF
BRUGEN07825	9.129640913	4.626015919	CXCL3
BRUGEN11663	9.022051094	5.542893942	MNT
BRUGEN09705	8.72627877	4.668059439	IRF3
BRUGEN16971	8.47484659	5.750428534	CCL4
BRUGEN57397	8.334062999	4.731074347	MB21D1
BRUGEN27931	8.303823523	5.813952307	NOD1
BRUGEN45664	8.283263224	4.288806119	MAVS
BRUGEN69100	8.240559202	8.412907163	ZC3H12D
BRUGEN33183	8.188079984	6.847104281	CHST5
BRUGEN28062	8.021982733	7.941816086	RBM14
BRUGEN50930	8.020777167	6.058754354	ALPK1
BRUGEN41636	7.891255188	4.338897385	AKIRIN2
BRUGEN29828	7.818190743	4.117045154	IL24
BRUGEN69081	7.77598133	8.245880665	TMEM173
BRUGEN34475	7.773342807	8.820661865	ANKRD17
BRUGEN08051	7.554932377	8.094777681	GYS1
BRUGEN51484	7.488900056	11.749319	ZBP1
BRUGEN09721	7.353741853	4.887147568	IRF7
BRUGEN09453	7.340992486	8.404800552	CXCL8
BRUGEN09252	7.155325433	5.879855491	IFNAR1
BRUGEN28502	6.788540577	4.073442412	CXCL13
BRUGEN16973	6.775748232	5.128161819	CCL5
BRUGEN28588	6.658822756	5.587697823	MTHFS
BRUGEN22954	6.655594275	5.226231396	RIOK3
BRUGEN28845	6.639821784	4.961666643	CXCR6
BRUGEN17011	6.591877302	4.266515897	CCL18
BRUGEN01604	6.590936434	5.424043065	BBS4
BRUGEN09681	6.519130997	4.53211718	IRAK1

BRUGEN67759	6.506612866	5.166281814	CXCL17
BRUGEN02600	6.502673895	4.14042414	CD14
BRUGEN28571	6.501314625	4.522773061	IFITM2
BRUGEN27582	6.435440823	4.38235593	AKAP8
BRUGEN17005	6.338713233	4.580522641	CCL17
BRUGEN11352	6.309526607	4.772985803	MAP3K5
BRUGEN28162	6.185425562	5.503667188	CLEC10A
BRUGEN60177	6.122106099	4.157170456	PRRC1
BRUGEN09258	6.102840283	5.546911167	IFNAR2
BRUGEN26236	5.884771601	6.105015639	TRIM66
BRUGEN16964	5.866982748	4.319532542	CCL3
BRUGEN74970	5.859263836	5.616503281	CCDC175
BRUGEN09612	5.751167402	6.613801853	CXCL10
BRUGEN42573	5.748773268	5.562717757	SLC35E3
BRUGEN39540	5.711998091	4.346836294	IL17D
BRUGEN04489	5.708095929	4.730652913	DGKA
BRUGEN54665	5.691036763	4.87634195	DISP1
BRUGEN55100	5.685274031	5.508521688	SERPINB11
BRUGEN20683	5.65599792	6.669538741	ZNF138
BRUGEN42695	5.623909341	6.899744139	STAB2
BRUGEN17049	5.623116429	5.604071255	CXCL5
BRUGEN07584	5.585939944	6.246052457	GPER1
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BRUGEN13276	5.409217236	5.815723608	PAK1
BRUGEN07523	5.39489073	7.856981555	CXCR3
BRUGEN61494	5.375288425	6.872615704	HAPLN3
BRUGEN58271	5.364787675	5.645232685	ARL14EP
BRUGEN72442	5.358151098	6.543153369	C8orf59
BRUGEN22176	5.352584635	4.384983137	IFITM1
BRUGEN60514	5.343059705	6.99341914	ADHFE1
BRUGEN68496	5.333501187	6.849608718	TRIM59
BRUGEN05316	5.317519925	4.68391798	EEF1D
BRUGEN42139	5.311239709	6.15613453	PSPC1
BRUGEN62694	5.277219909	4.214827753	MGAT4D
BRUGEN57398	5.272575113	8.993357947	MB21D1
BRUGEN15535	5.225991327	7.318125413	PTX3
BRUGEN20268	5.217643447	6.145506411	WNT5A
BRUGEN25959	5.209394392	6.000216313	MATR3
BRUGEN27184	5.177128069	6.265590048	TRIM28
BRUGEN09372	5.1579951	6.386460475	IL1A
BRUGEN19279	5.133772647	4.877663034	TLR2
BRUGEN71153	5.115351396	4.431856355	LYSMD1
BRUGEN27597	5.080171644	6.713646892	NET1
BRUGEN34502	5.077587996	4.97754299	LSM14A
BRUGEN53409	5.074086591	5.455407666	TMEM246



BRUGEN12692	5.044695113	4.915981395 NONO
BRUGEN00781	5.009071077	7.923322092 ANG
BRUGEN39201	4.995244147	16.11192047 MRPL48
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BRUGEN29060	4.875407403	6.677660305 MASP2
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BRUGEN23854	4.448037362	4.989319015 USP14
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