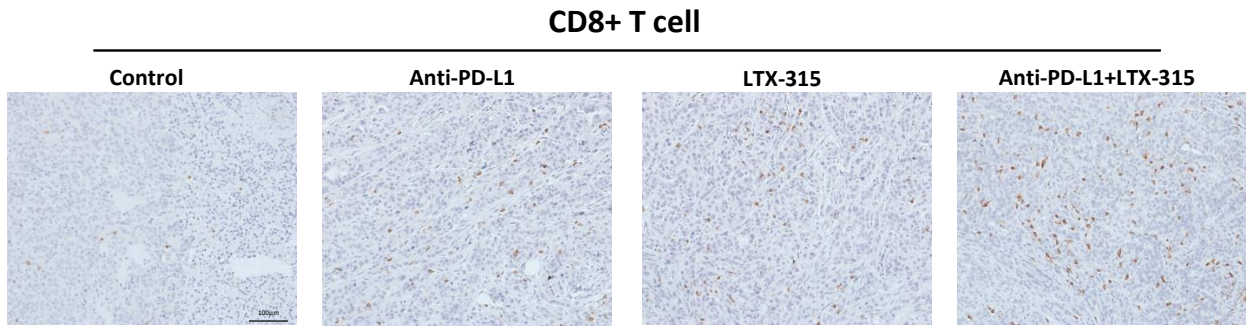
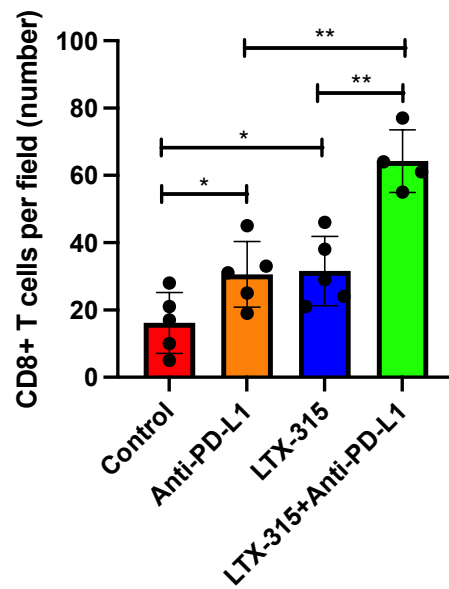


A



B



C

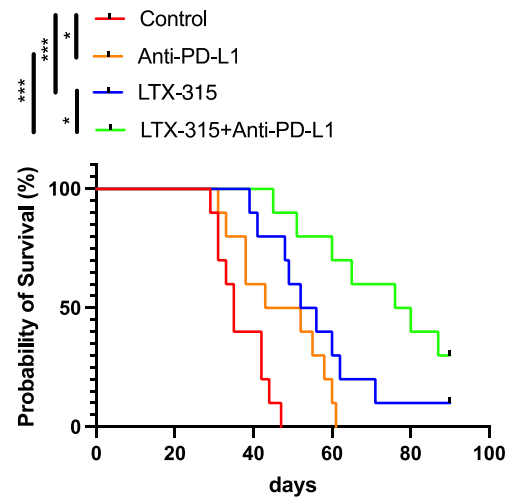


Figure S1

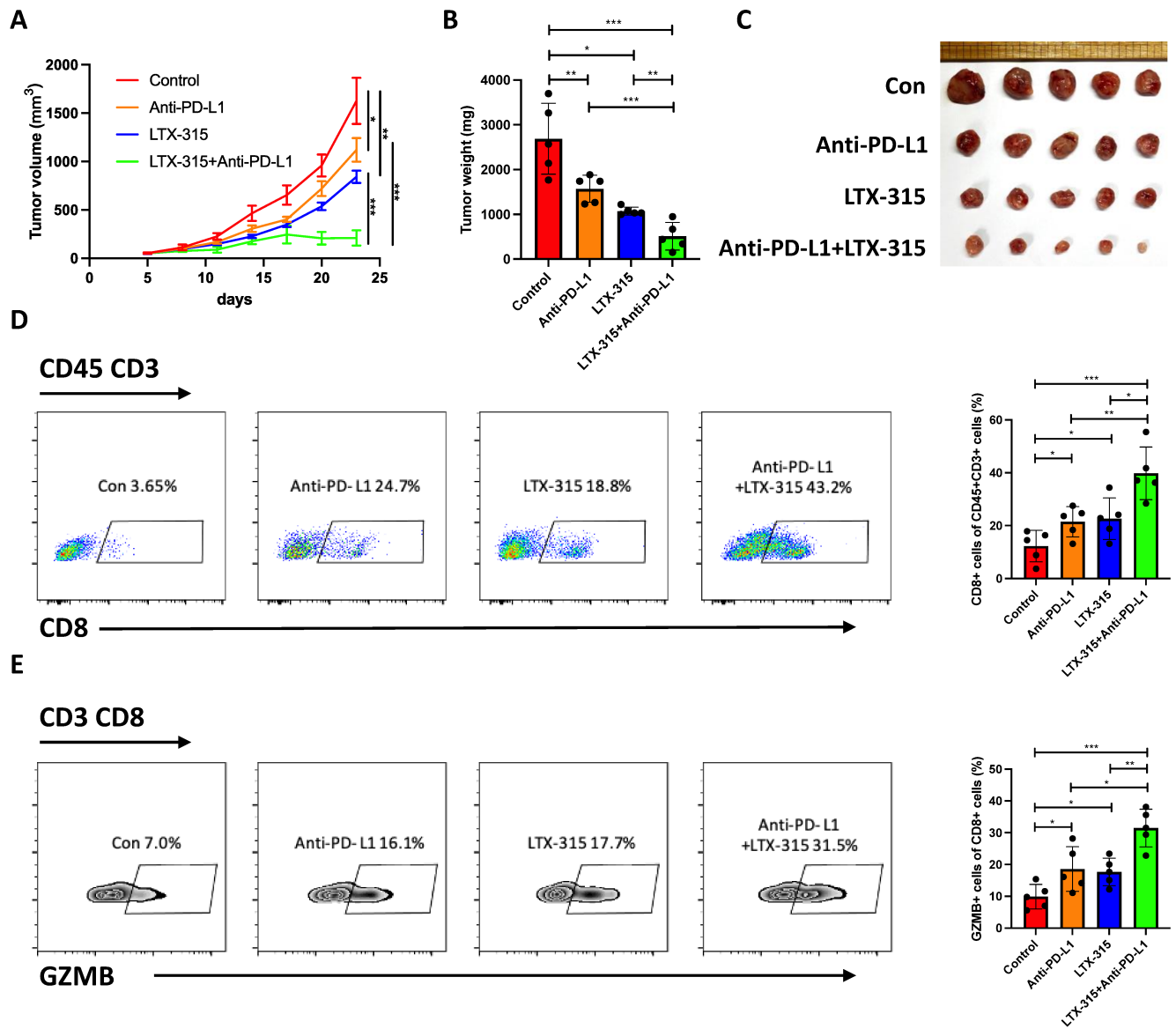


Figure S2

**A**

	LTX-315						Control						Correlation	RMSE	
	1	2	3	4	5	6	1	2	3	4	5	6			
B cells naive	0.075	0.072	0.072	0.072	0.072	0.072	0.046	0.012	0.012	0.012	0.012	0.012	0.000	0.813	0.655
B cells memory	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.801	0.684
Plasma cells	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.791	0.660
T cells CD8 naive	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.810	0.675
T cells CD4 memory resting	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.809	0.700
T cells CD4 memory activated	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.782	0.702
T cells CD4 memory helper	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.804	0.668
T cells regulatory (Treg)	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.807	0.662
T cells gamma delta	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.841	0.640
NK cells resting	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
NK cells activated	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Monocytes M0	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Neutrophils	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Macrophages M1	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Macrophages M2	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Dendritic cells resting	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Dendritic cells activated	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Mast cells resting	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Mast cells activated	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Eosinophils	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680
Basophils	0.043	0.02	0.023	0.023	0.023	0.023	0.049	0.015	0.015	0.015	0.015	0.015	0.000	0.800	0.680

**Figure S3**

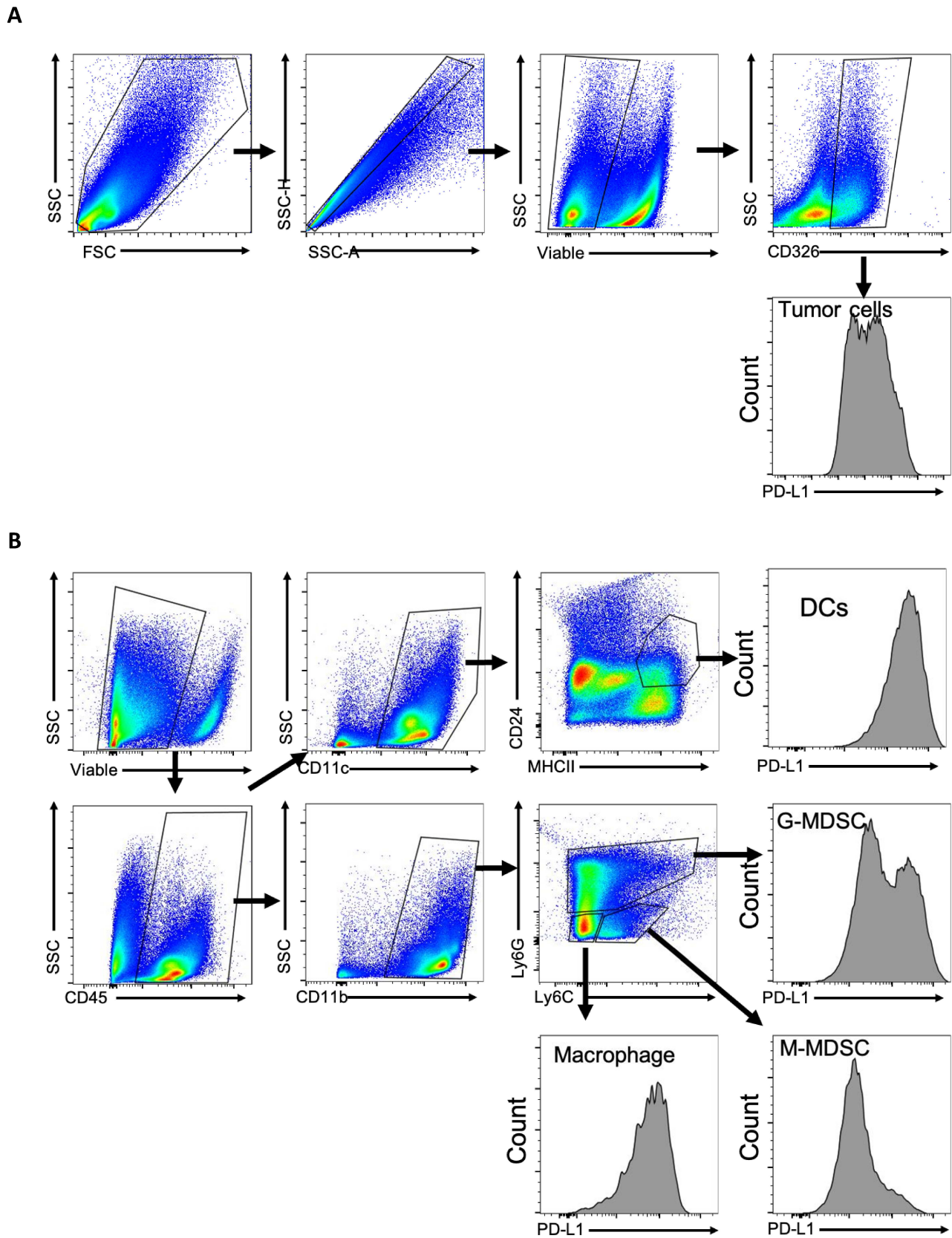


Figure S4



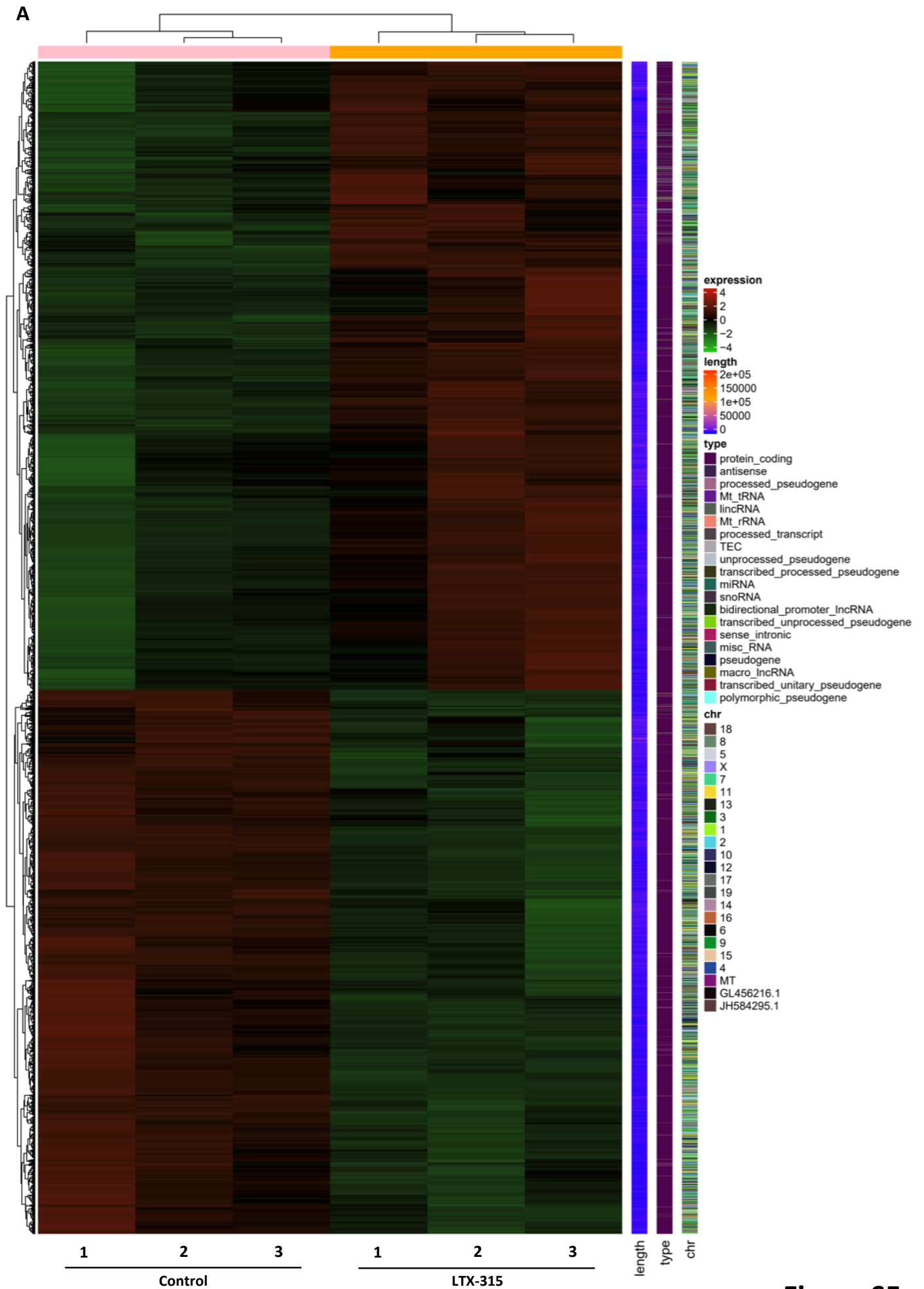


Figure S5

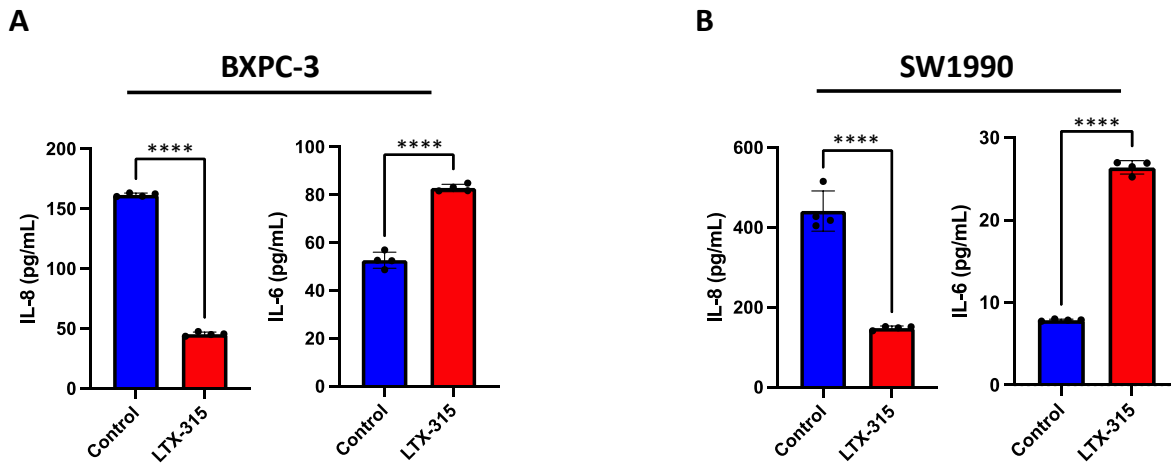


Figure S6

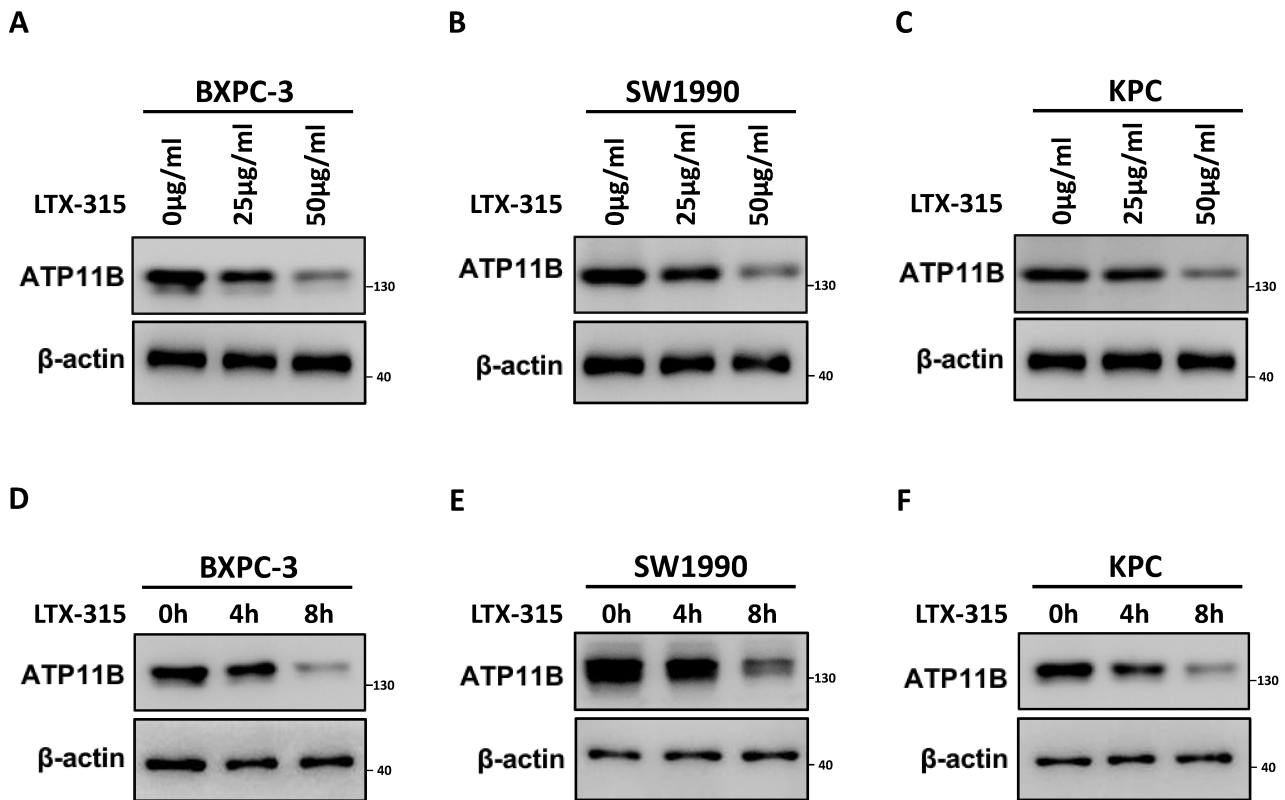
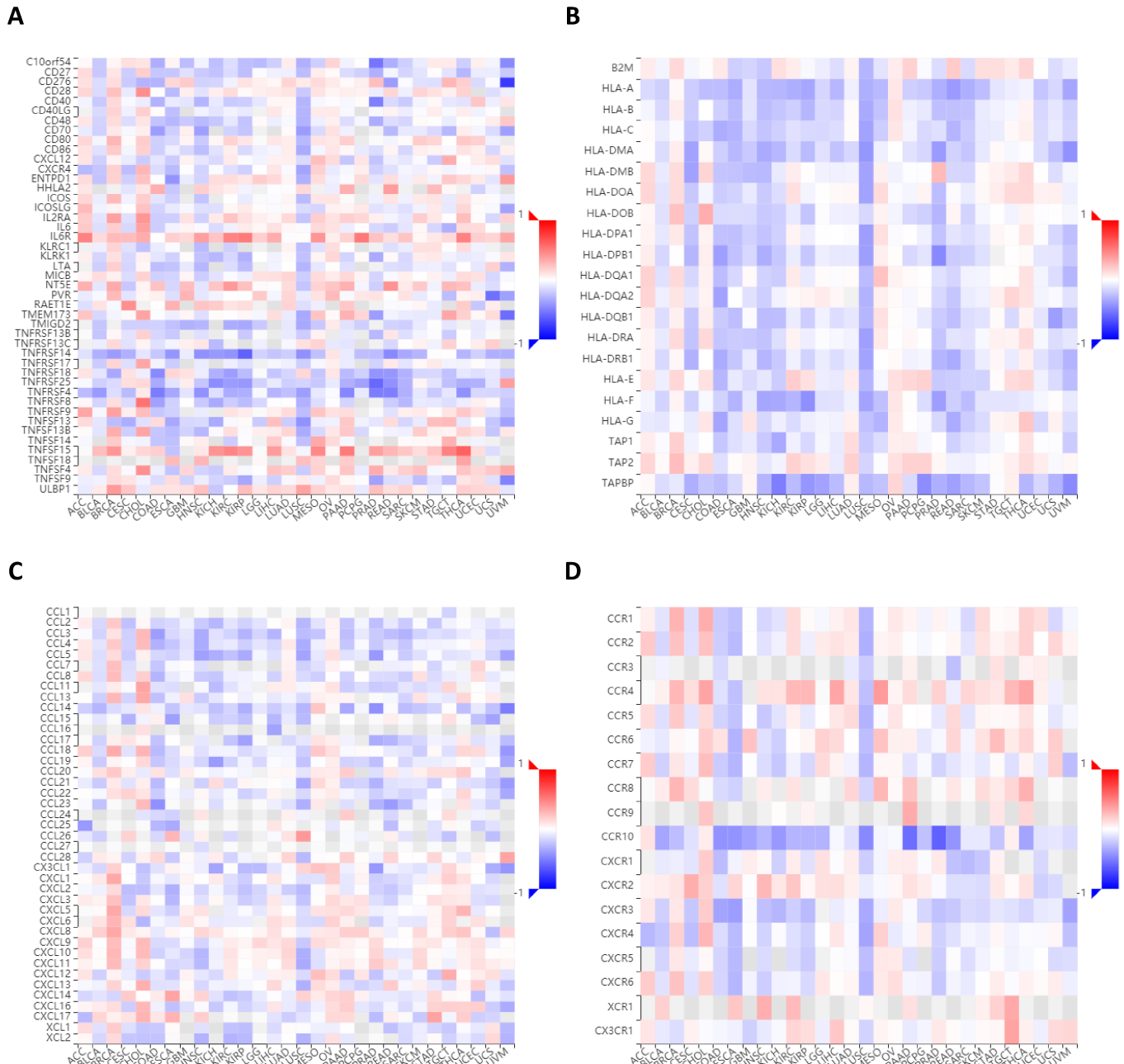
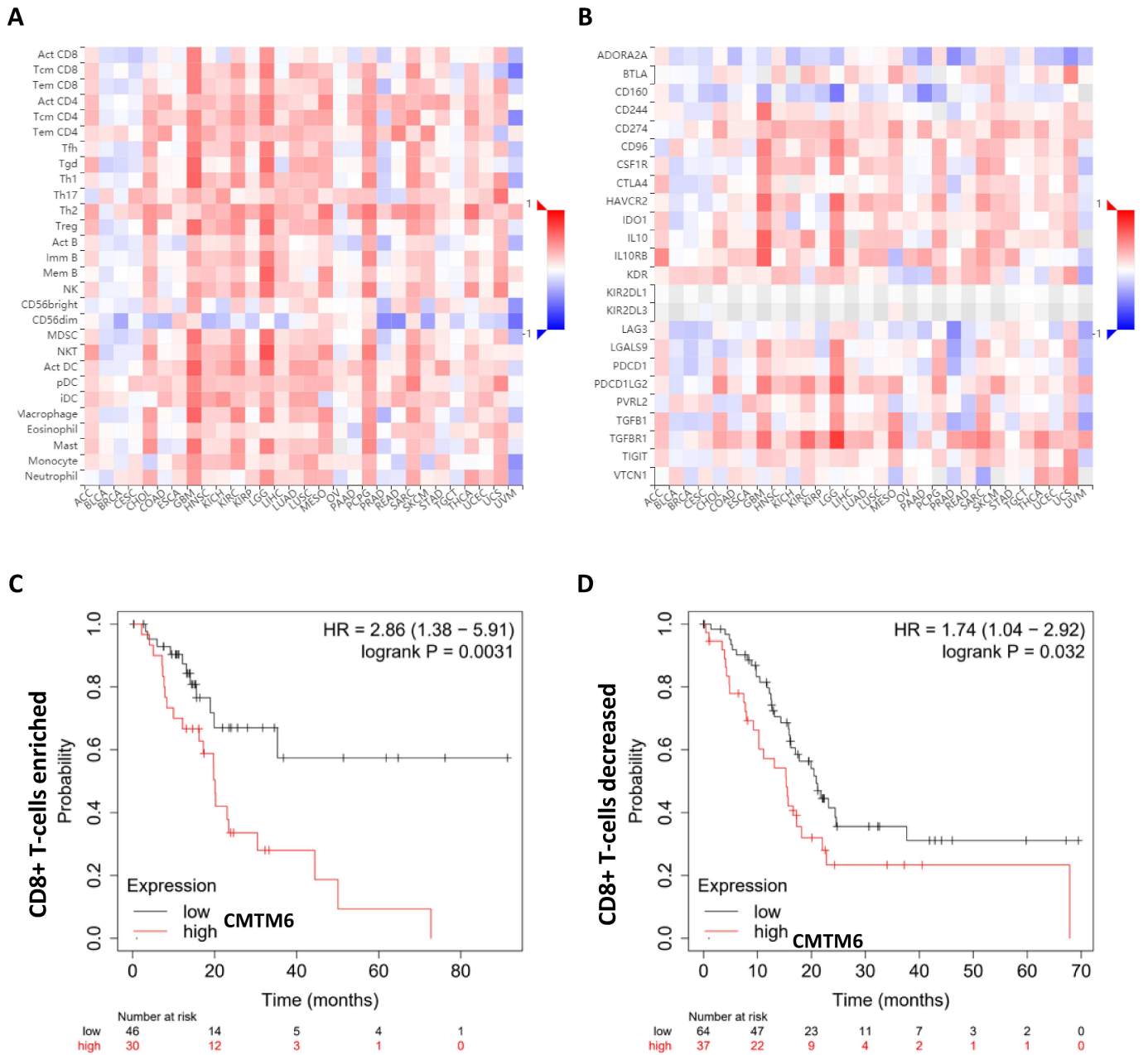


Figure S7



**Figure S8**



**Figure S9**

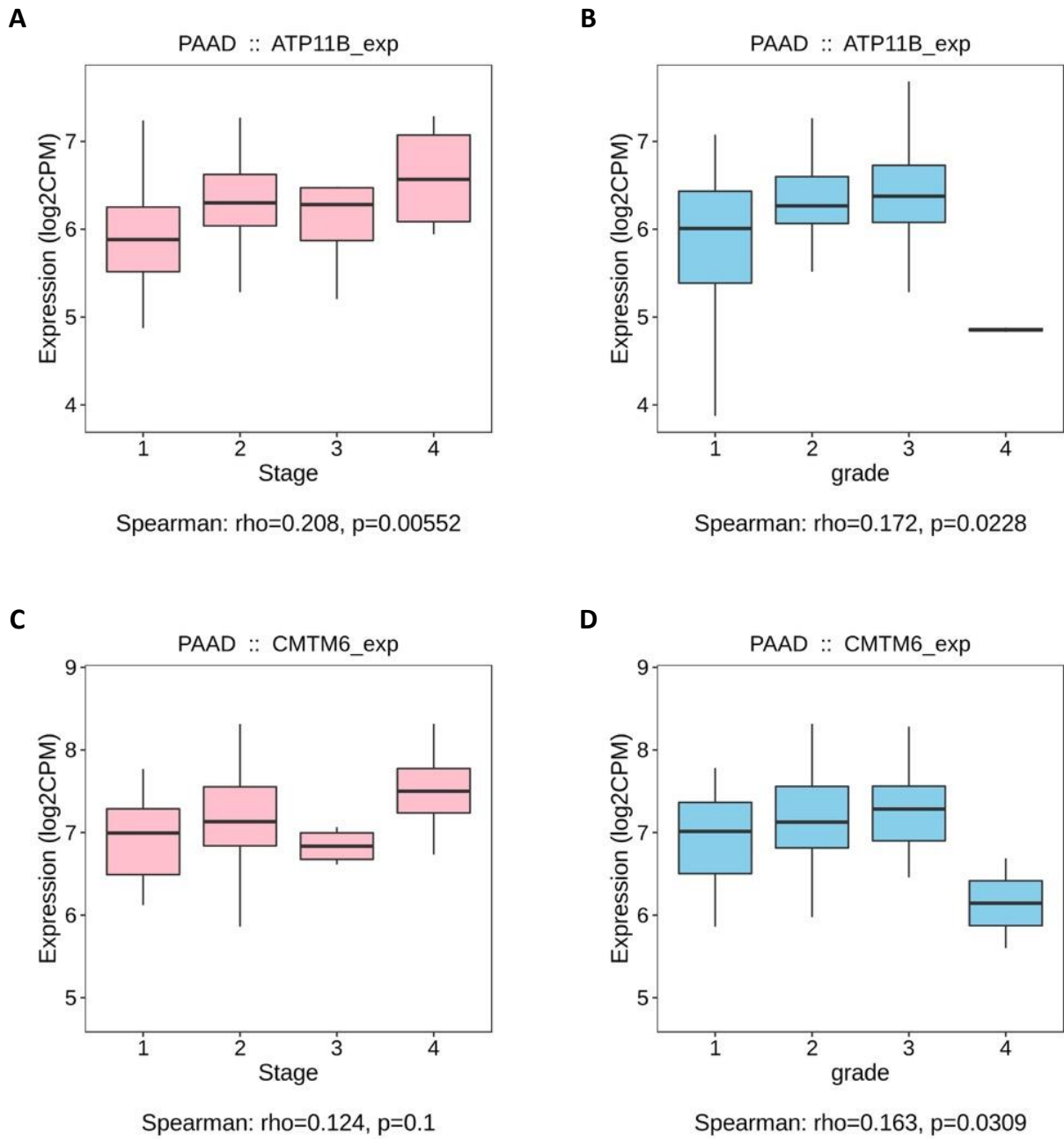


Figure S10





Figure S11

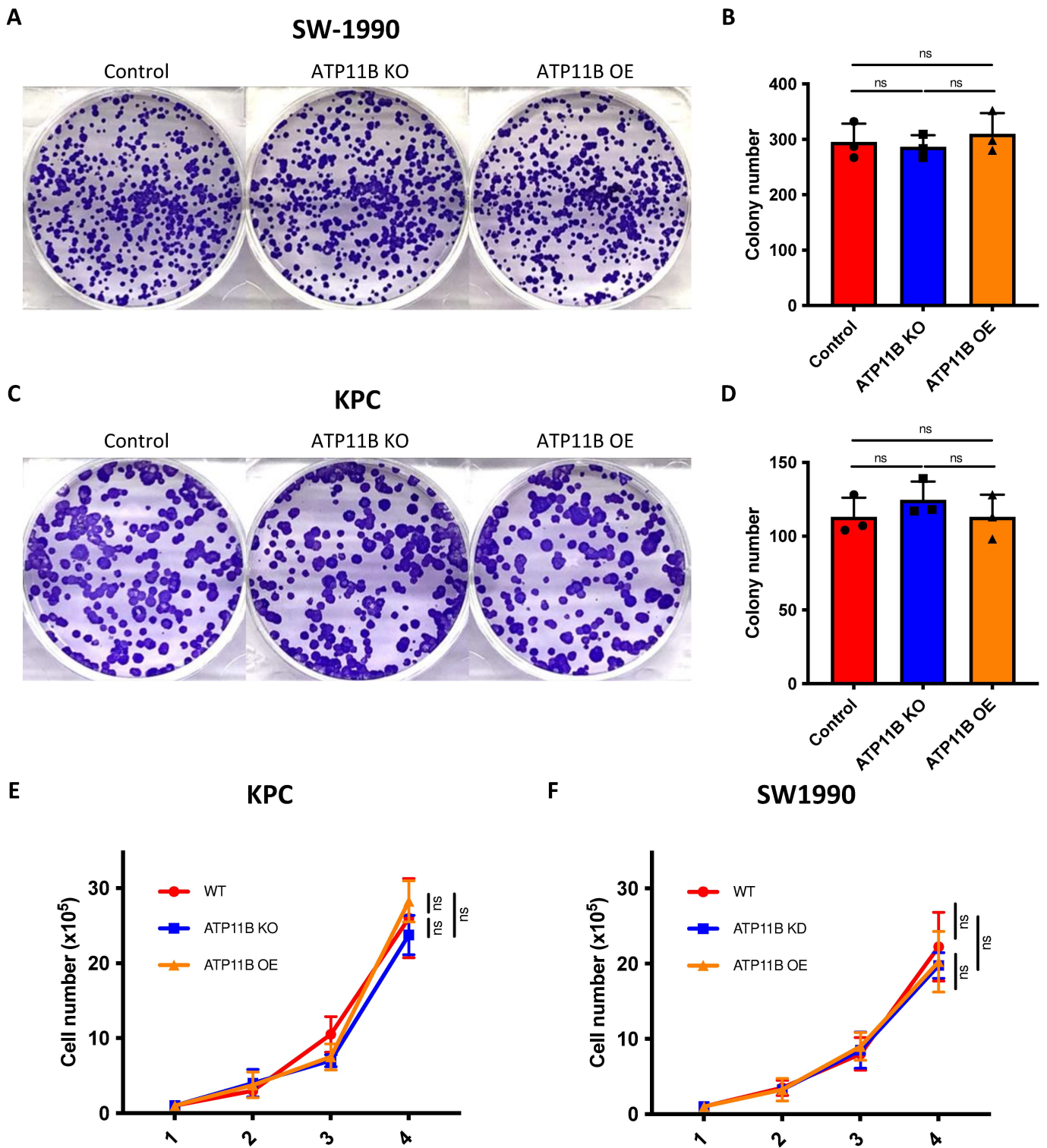
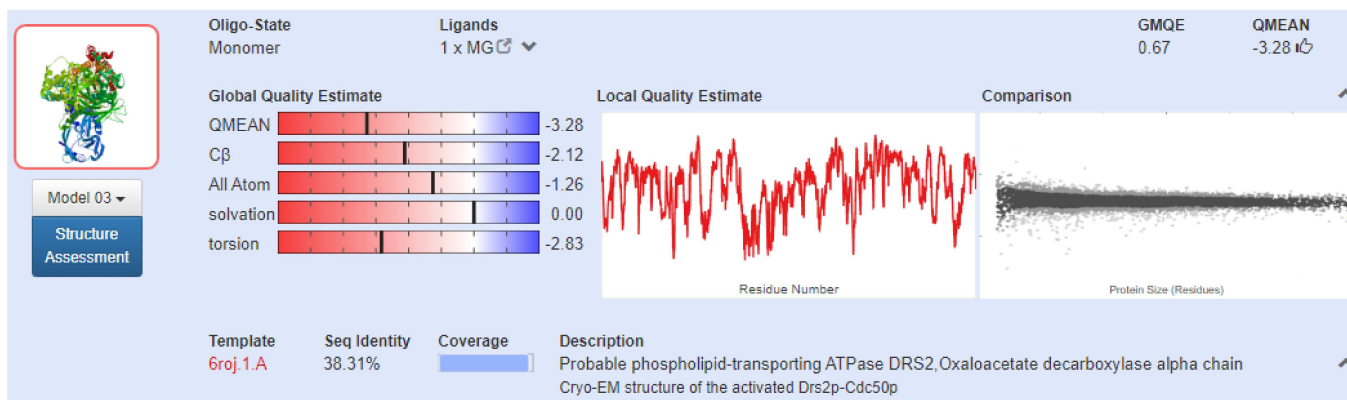


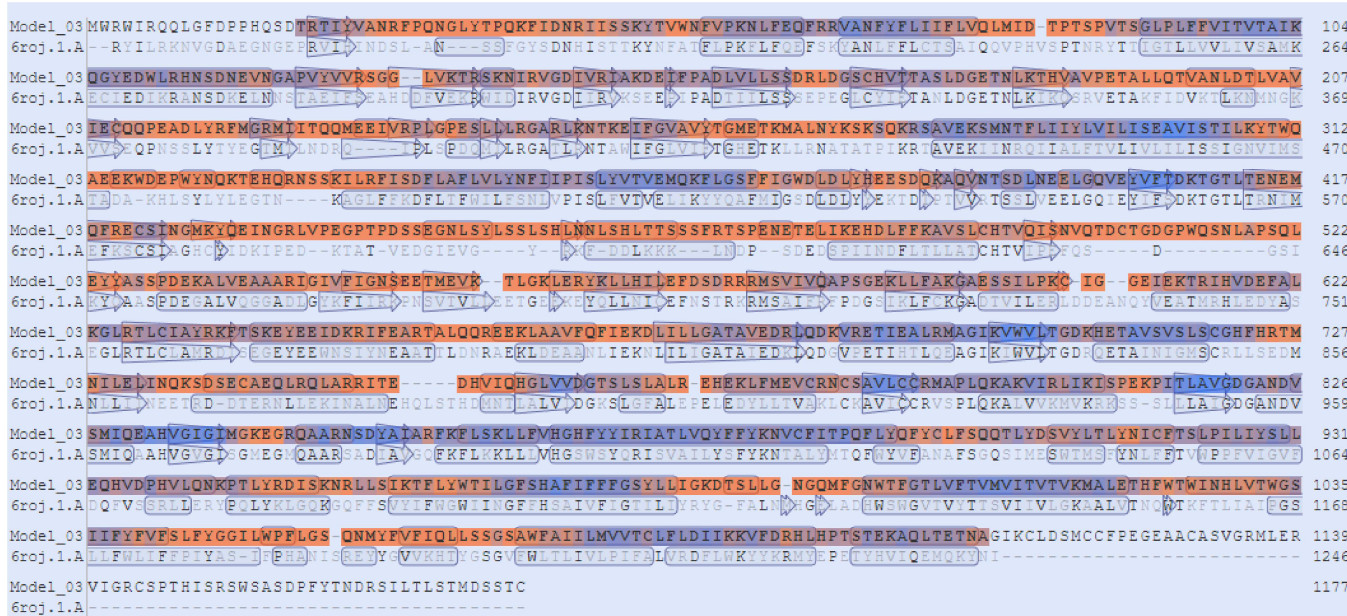
Figure S12



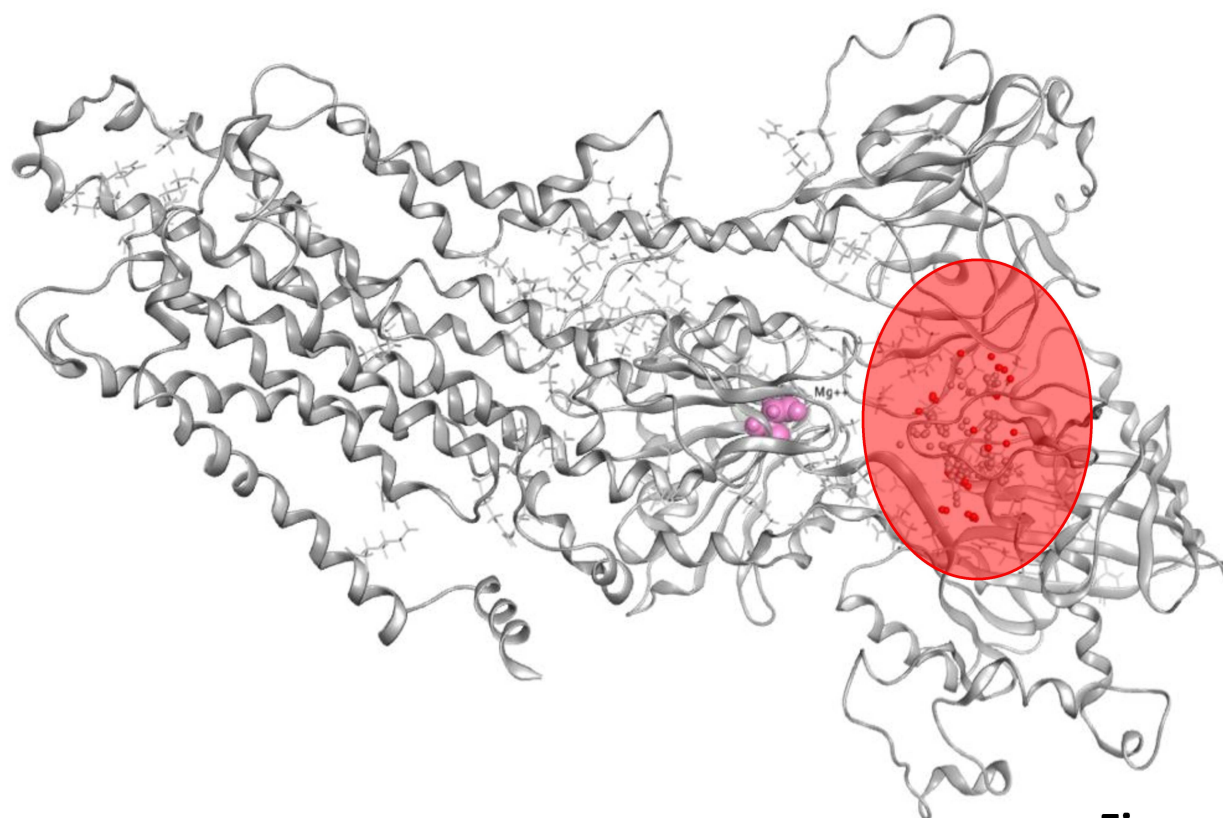
**A**



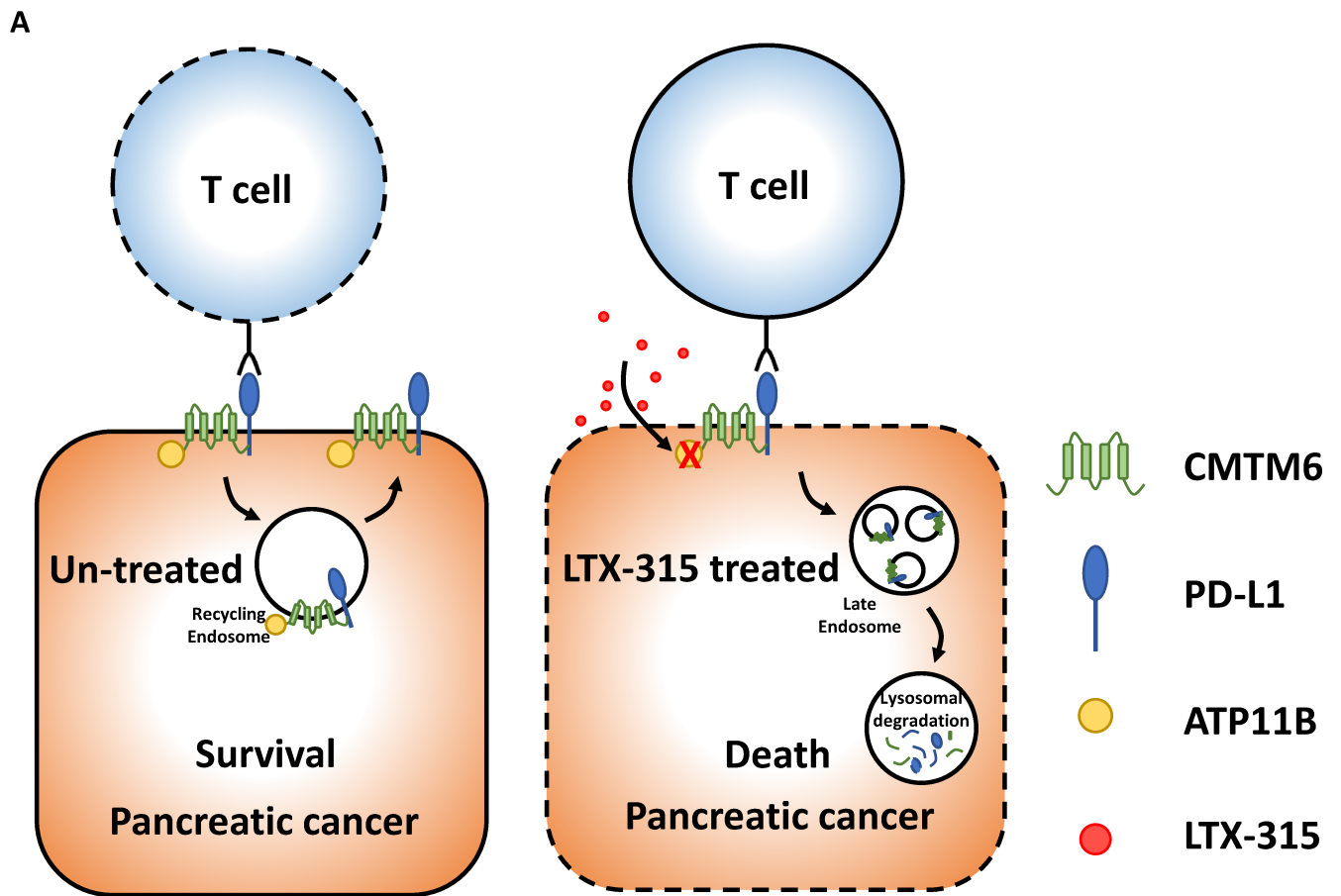
**B**



**C**



**Figure S13**

**Figure S14**