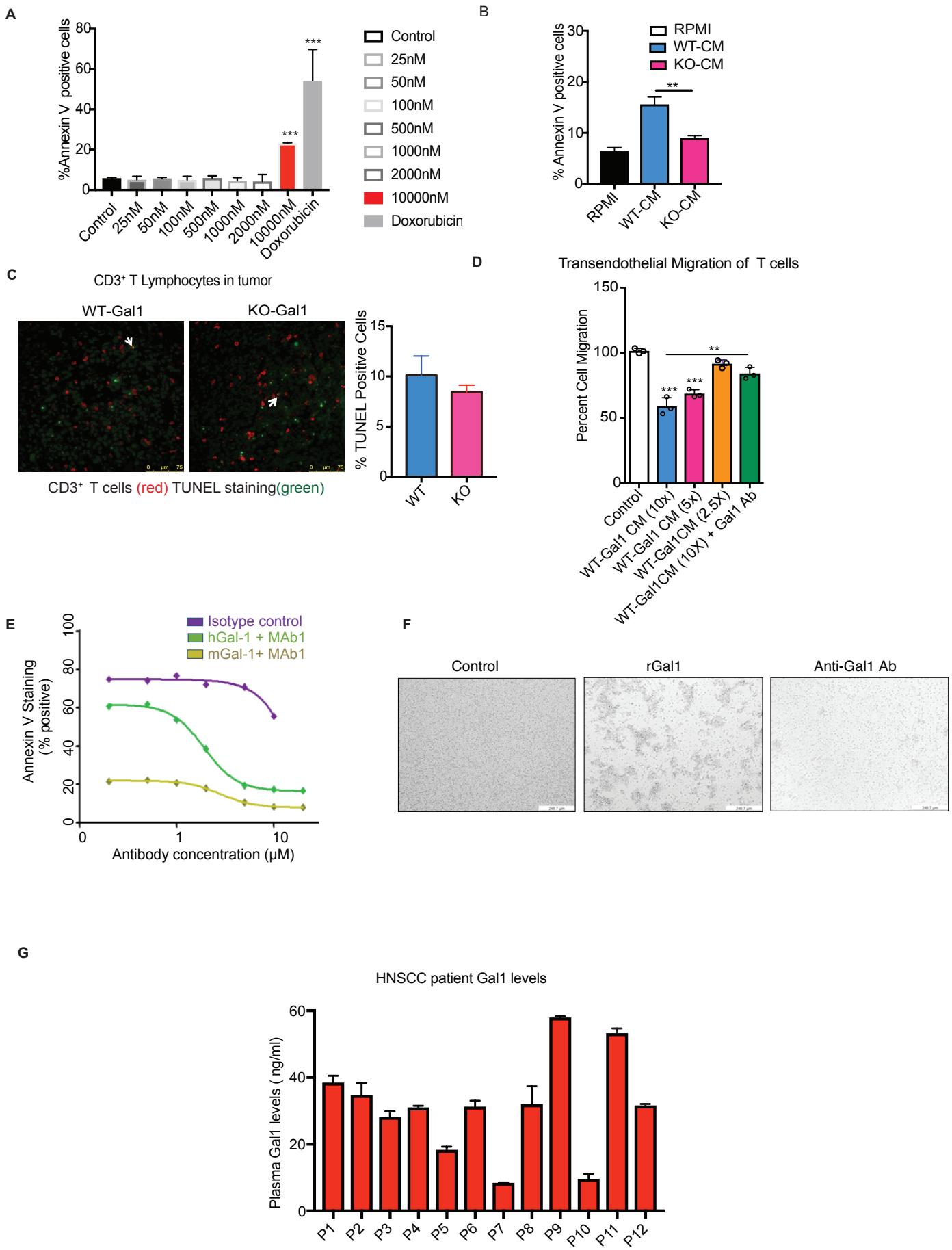
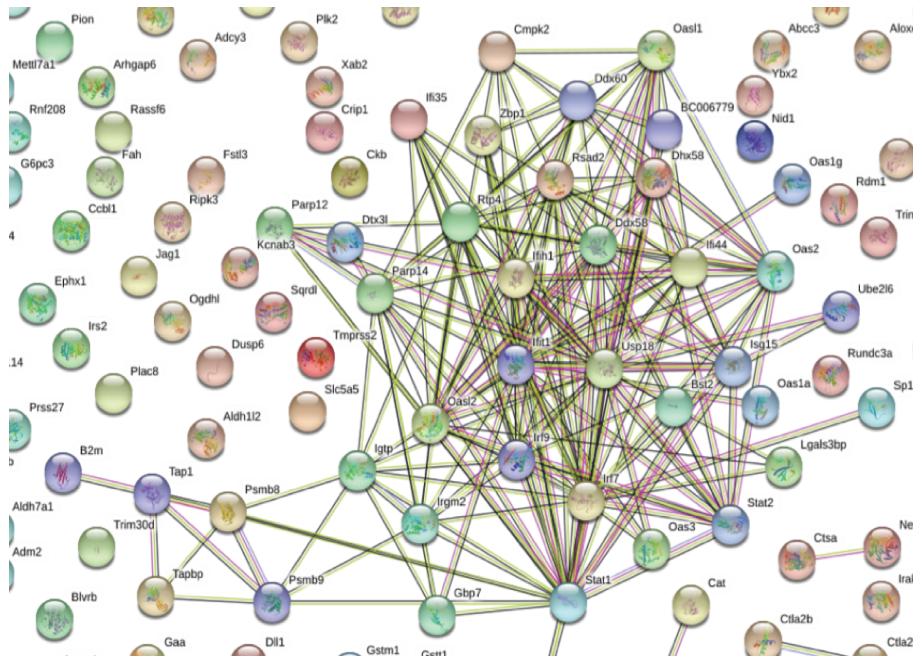


Supplementary Figure 1

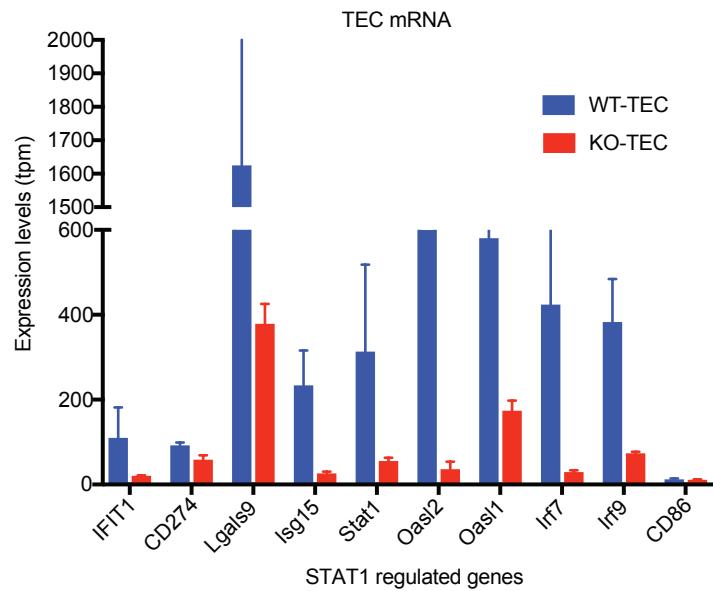


Supplementary Figure 2

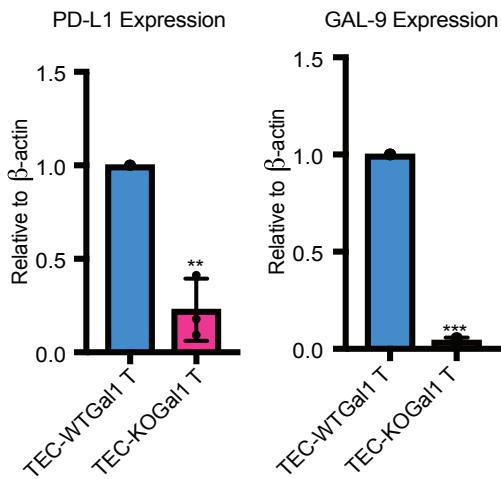
A



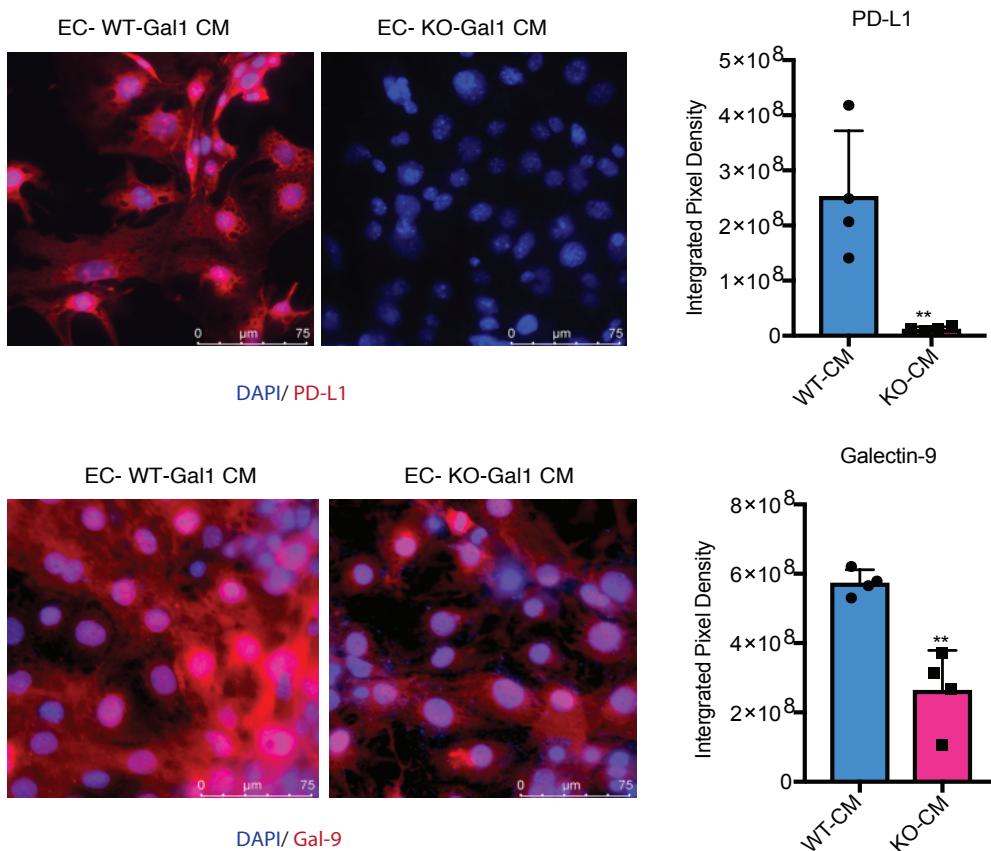
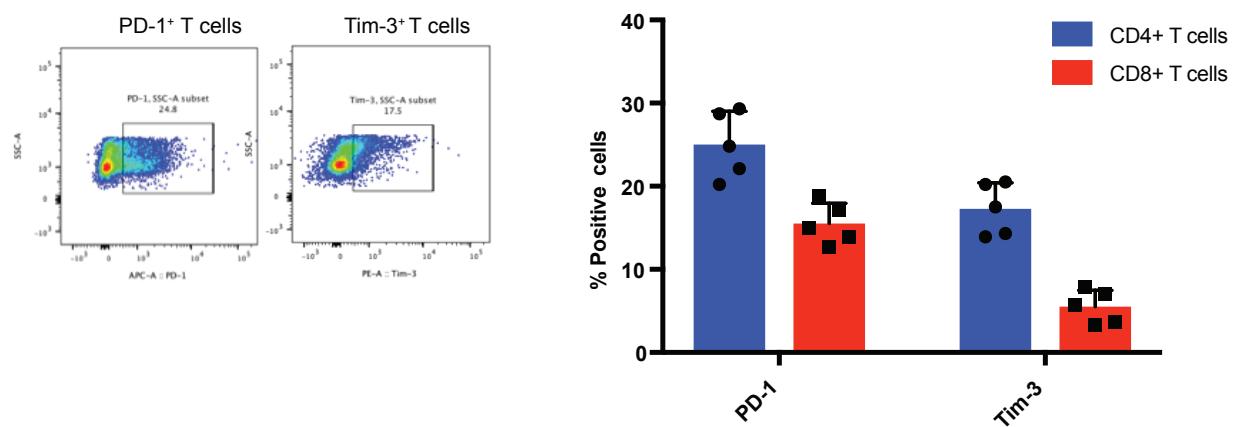
B



C

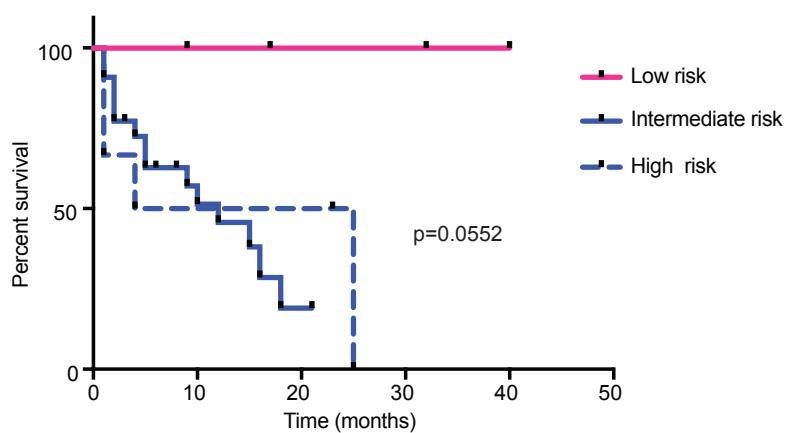


Supplementary Figure 3

**A****B**

Supplementary Figure 4

Patient survival analyses post Anti-PD1 therapy



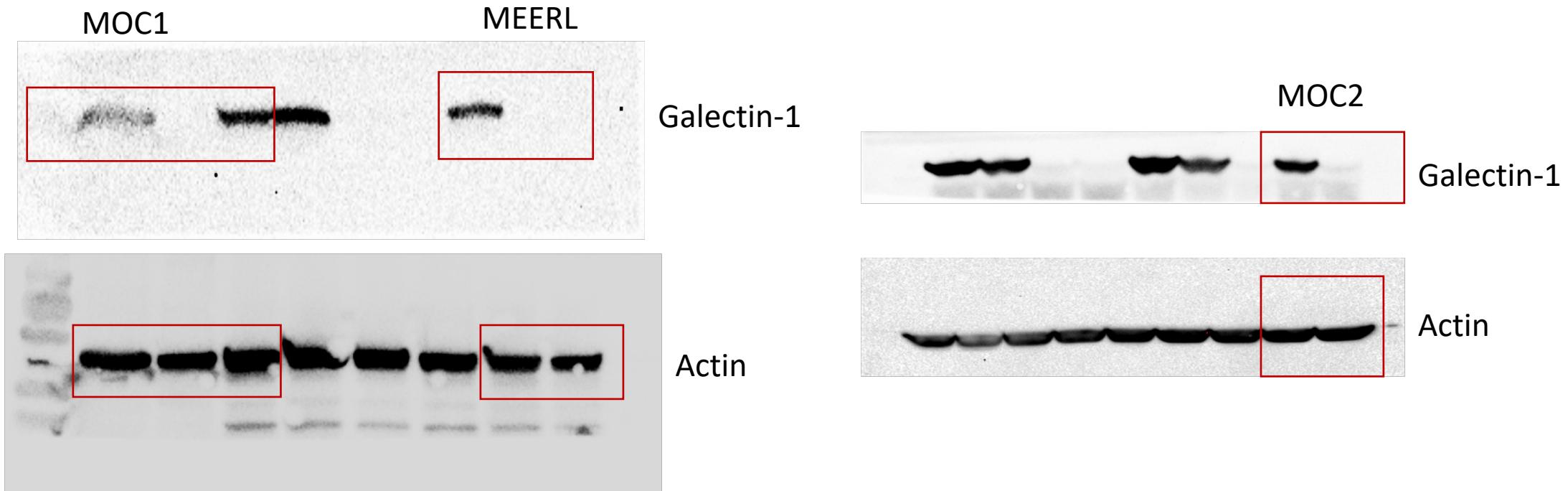
Supplementary Figure 5

Supplementary Figure 4

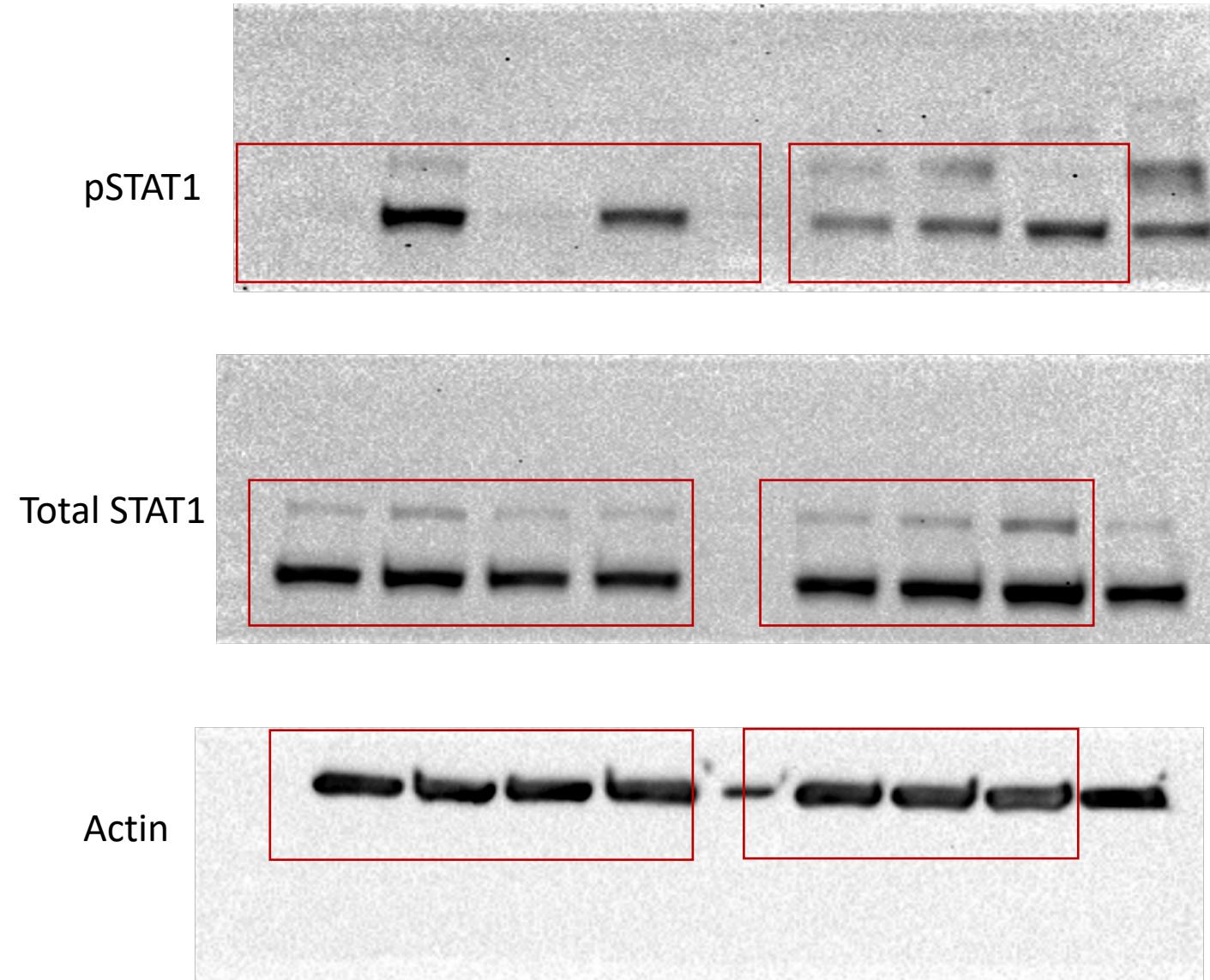
**Supplementary Table 1:** List of Oligonucleotides sequences used in the study.

List of Oligonucleotides			
<i>Application</i>	<i>Gene</i>	<i>Orientation</i>	<i>Sequence</i>
<i>qRT-PCR</i>	<i>LGALS9</i>	Forward	GTCTTGCCAGATGCTACGAGGTT
		Reverse	GAAAGCAATGTCACCTCCACAGC
	<i>PD-L1</i>	Forward	CGAATCACGCTGAAAGTCAATGCC
		Reverse	ACGGGTTGGTGGTCACTGTTG
	<i>LGALS1</i>	Forward	AGCTTCAATCATGGCCTGTGGTC
		Reverse	TCCCAGGTTCAGCACAAAGCTC
<i>Cloning- Overexpression</i>	<i>LGALS1</i>	Forward	GCACACTAGTATGGCCTGGTCTGGTCG
		Reverse	GCACCTCGAGTCACTCAAAGGCCACGCAC
<i>CRISPR/Cas-9 Deletion</i>	<i>LGALS1</i>	sgRNA1	GTCTCACCTCTTGGCGTCCG
		sgRNA2	ATGTCTCAAAGTTGGGGAG

## Full unedited Gel Figure 1

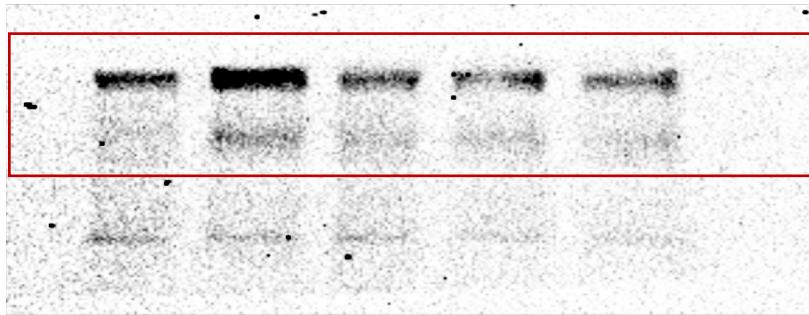


## Full unedited Gel Figure 3E

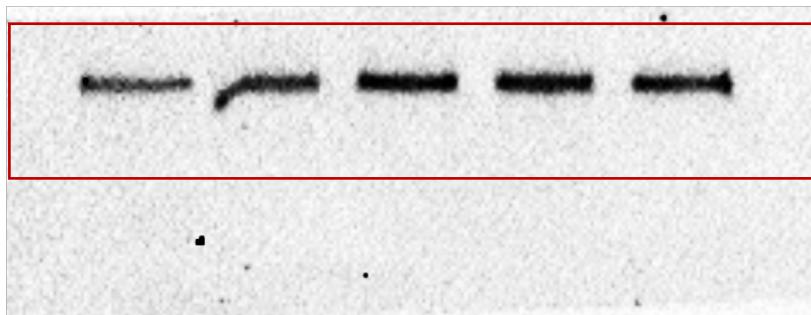


## Full unedited Gel Figure 3F

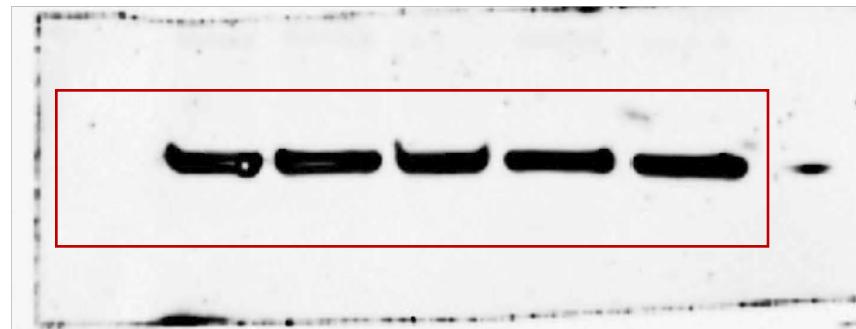
Phospho JAK2



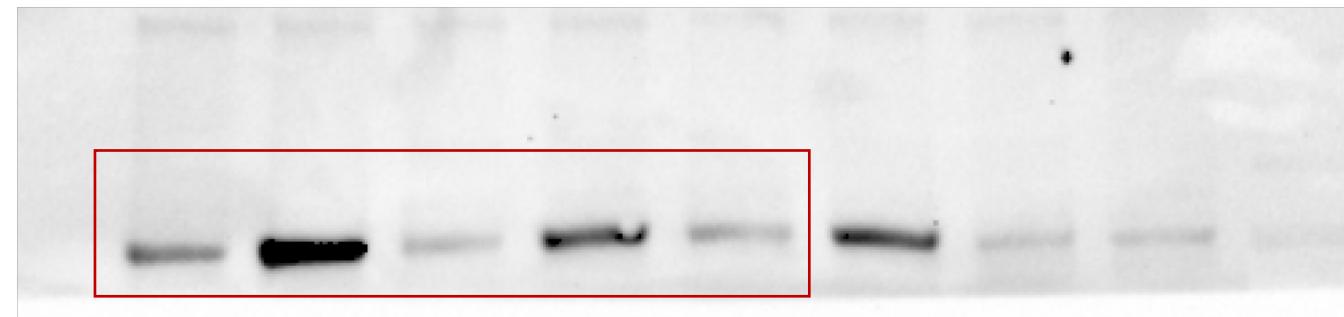
JAK2



Actin



Phospho-STAT1



Actin

