A

**PD-L1 Lung NSC, LUSC and LUAD signature**

- **Decreasing PD-L1 expression**
- LUSC tumors (n = 517)
- PD-L1
- LUSC PD-L1 protein
- Spearman: -0.33
- Pearson: 0.30
- **PD-L2 Lung NSC, LUSC and LUAD signature**
- Decreasing PD-L2 expression
- LUSC tumors (n = 501)
- Z score
- -3 to 3
- Supplementary Figure 3

B

**PD-L1 Lung NSC, LUSC and LUAD signature**

- **Decreasing PD-L1 expression**
- LUAD tumors (n = 517)
- PD-L1
- LUAD PD-L1 protein
- Spearman: -0.33
- Pearson: 0.30
- **PD-L2 Lung NSC, LUSC and LUAD signature**
- Decreasing PD-L2 expression
- LUAD tumors (n = 517)
- Z score
- -3 to 3
- Supplementary Figure 3

C

**PD-L1 Lung NSC and LUAD signature**

- **Decreasing PD-L1 expression**
- LUAD tumors (n = 517)
- PD-L1
- LUAD PD-L1 protein
- Spearman: -0.33
- Pearson: 0.30
- **PD-L2 Lung NSC and LUAD signature**
- Decreasing PD-L2 expression
- LUAD tumors (n = 517)
- Z score
- -3 to 3
- Supplementary Figure 3

**Supplementary Figure 3**