### Table S3:

#### Correlations of tissue mRNAs

|                  | PD-L1-mRNA | PD-1-mRNA | CD3-mRNA | CD68-mRNA | Jak2-mRNA | CXCL10-mRNA | CXCR3-mRNA |
|------------------|------------|-----------|----------|-----------|-----------|-------------|------------|
| spearman         |            |           |          |           |           |             |            |
| PD-L1-mRNA       |            |           |          |           |           |             |            |
| PD-1-mRNA        | 0.13       | 4.5E-01   | 9.7E-01  | 3.0E-01   | 1.1E-02   | 1.7E-01     | 7.4E-01    |
| CD3-mRNA         | 0.01       | 9.7E-01   | 3.0E-01  | 1.1E-02   | 1.7E-01   | 7.4E-01     | 1.7E-01    |
| CD68-mRNA        | 0.16       | 3.0E-01   | 1.1E-02  | 3.3E-04   | 5.1E-06   | 2.0E-04     | 1.7E-05    |
| Jak2-mRNA        | 0.37       | 1.1E-02   | 3.3E-04  | 5.1E-06   | 2.0E-04   | 1.7E-05     |            |
| CXCL10-mRNA      | 0.21       | 1.7E-01   | 7.4E-01  | 2.0E-04   | 1.7E-05   |              |            |
| CXCR3-mRNA       | 0.05       | 7.4E-01   | 1.7E-05  |           |           |              |            |

Note: p-values < 0.05 are highlighted in red