Characterization of infiltrating lymphocytes in human benign and malignant prostate tissue

SUPPLEMENTARY MATERIALS

Supplementary Figure 1: Example plots from flow cytometric analysis. (A) General gating strategy used for all samples: singlets, living cells, lymphocytes, CD3⁺ T-cells and then further markers, here CD4 and CD8 are shown. Plots are from prostate cancer (PC) patient 4 (malignant tissue). (B) Representative plots of PD-1⁺ T-cells (gated from CD3⁺ T-cells) from five prostate conditions. Isotype controls from respective prostate condition are shown in black and PD-1 expression is shown in blue from indicated prostate condition.
| Company           | Target          | Clone     | Fluorochrome |
|-------------------|-----------------|-----------|--------------|
| **BD Biosciences**|                 |           |              |
| CD28              | CD28.1          | FITC      |              |
| CD69              | FN50            | FITC      |              |
| CD94              | HP-3D9          | FITC      |              |
| CD134/OX40        | ACT35           | FITC      |              |
| CD158b            | CH-L            | FITC      |              |
| CD279/PD-1        | MIH4            | FITC      |              |
| Isotype IgG1      | X40             | FITC      |              |
| CD25              | M-A251          | PE        |              |
| CD27              | M-T271          | PE        |              |
| CD56              | NCAM16.2        | PE        |              |
| CD279/PD-1        | MIH4            | PE        |              |
| Isotype IgG1      | X40             | PE        |              |
| CD197/CCR7        | 150503          | PE-CF594  |              |
| Dead cells        | -               | 7-AAD     |              |
| CD3               | SK7             | PE-Cy7    |              |
| CD19              | HIB19           | APC       |              |
| CD45RO            | UCHL1           | APC       |              |
| Isotype IgG1      | X40             | APC       |              |
| CD8               | SK1             | APC-Cy7   |              |
| CD4               | RPA-T4          | V500      |              |
| **Beckman Coulter**|                 |           |              |
| TCRγδ pan         | IMMU510         | FITC      |              |
| CD127             | R34.34          | APC-A700  |              |
| **BioLegend**     |                 |           |              |
| Isotype IgG2a     | MOPC-173        | FITC      |              |
| **LifeSpan Biosciences**|         |           |              |
| CD137/4-1BB       | 4B4-1           | FITC      |              |
| CTLA-4            | A3.4H2.H12      | FITC      |              |
| CD223/LAG-3       | 17B4            | FITC      |              |
| CD366/TIM-3       | F38-2E2         | APC       |              |
| **Miltenyi Biotec**|                 |           |              |
| CD137/4-1BB       | 4B4-1           | FITC      |              |
| CD159/NKG2A       | REA110          | FITC      |              |
| CD223/LAG-3       | REA351          | PE        |              |
| CD366/TIM-3       | F38-2E2         | APC       |              |