**S2 Table.** Classification performance when distinguishing lymphocyte clusters from prostate cancer with trained and tested independent cohorts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification performance (%)** |  | **Training** |  | **Testing** | |
|  | **CHUM** |  | **UHN** | **CHUQc-UL** |
| Lymphocytes/Cancer |  |  |  |  |  |
| Sensitivity |  | 98 |  | 95 | 91 |
| Specificity |  | 99 |  | 96 | 93 |
| Accuracy |  | 98 |  | 95 | 93 |

The classification was performed using Support Vector Machine and L1-LinearSVC feature selection. (CHUM: Centre hospitalier de l’Université de Montréal; UHN: University Health Network; CHUQc-UL: Centre hospitalier universitaire de Québec-Université Laval).