**S2 Table. Parameter setting of the 3D CNN**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Layer 0** | **Layer 1** | **Layer 2** | **Layer 3** | **Layer 4** | **Layer 5** | **Layer 6** |
| **Type** | Input | Conv | Max | Conv | Max | Conv | Full |
| **Feature map size** | 48547 | 40405 | 20205 | 14143 | 773 | 111 | 111 |
| **# of feature maps** | 1 | 6 | 6 | 50 | 50 | 100 | # of classes |
| **Kernel size** | - | 9153 | - | 773 | - | 773 | 111 |
| **Pooling size** | - | - | 22 | - | 22 | - | - |