

Supplementary Table 1: Confusion Matrix for DeepLoc on Test1

	0	1	2	3	4	5	6
0	0.990	0	0.003	0	0.001	0.002	0.002
1	0.003	0.979	0.014	0.002	0	0.001	0.001
2	0.001	0.002	0.995	0.002	0	0	0
3	0	0.001	0.023	0.976	0	0	0
4	0.006	0	0.001	0	0.989	0.001	0.003
5	0.003	0	0.002	0	0	0.994	0.001
6	0.001	0.001	0.001	0.001	0.001	0	0.994

Supplementary Table 2: Confusion Matrix for DeepLoc on Test3

	0	1	2	3	4	5	6
0	0.991	0.002	0.004	0.001	0.001	0.001	0.001
1	0.004	0.987	0.008	0	0	0	0
2	0.019	0.058	0.848	0.053	0.013	0.004	0.005
3	0	0.054	0.022	0.921	0.001	0.002	0
4	0.177	0.008	0.052	0.002	0.756	0.001	0.004
5	0.003	0.002	0.002	0.002	0	0.991	0
6	0.003	0	0.003	0	0	0.002	0.991

Supplementary Table 3: Confusion Matrix for DeepLoc on Test4

	0	1	2	3	4	5	6
0	0.995	0.001	0.001	0	0.002	0	0.001
1	0	0.999	0.001	0	0	0	0
2	0	0.004	0.990	0.005	0	0	0
3	0	0.004	0.010	0.985	0	0	0
4	0.078	0.003	0.235	0	0.684	0.001	0
5	0.004	0	0	0	0	0.994	0.002
6	0.019	0.001	0.004	0.002	0	0	0.974

Supplementary Table 4: Confusion Matrix for Logistic Regression Classifier using PCI (Conv4) Features on Test1

	0	1	2	3	4	5	6
0	0.992	0.002	0.003	0	0.002	0.001	0
1	0	0.976	0.018	0.004	0	0.001	0.001
2	0	0.005	0.981	0.012	0.001	0	0
3	0	0.010	0.032	0.958	0	0	0
4	0.002	0.001	0	0	0.993	0	0.004
5	0.001	0	0.003	0	0	0.995	0.001
6	0.001	0.001	0.001	0.001	0.001	0	0.996

Supplementary Table 5: Confusion Matrix for Logistic Regression Classifier using PCI (Conv4) Features on Test3

	0	1	2	3	4	5	6
0	0.987	0.005	0.003	0	0.003	0.001	0.001
1	0	0.990	0.008	0.001	0	0	0
2	0.016	0.098	0.749	0.107	0.022	0.001	0.007
3	0	0.037	0.019	0.94	0.002	0.001	0
4	0.212	0.018	0.029	0.004	0.731	0.001	0
5	0.002	0	0	0.002	0	0.996	0
6	0.002	0	0.001	0	0.001	0.001	0.995

Supplementary Table 6: Confusion Matrix for Logistic Regression Classifier using PCI (Conv4) Features on Test4

	0	1	2	3	4	5	6
0	0.992	0.003	0.001	0	0.002	0	0.002
1	0	0.999	0	0.001	0	0	0
2	0	0.002	0.984	0.013	0	0	0
3	0	0.005	0.027	0.968	0	0	0
4	0.068	0.004	0.261	0	0.647	0	0.019
5	0	0	0.001	0	0	0.999	0
6	0.002	0.001	0.002	0.001	0	0.002	0.991

Supplementary Table 7: Confusion Matrix for Logistic Regression Classifier using VGG16 (Conv4_2) Features on Test1

	0	1	2	3	4	5	6
0	0.969	0.006	0.004	0	0.016	0.003	0.002
1	0.003	0.944	0.048	0.003	0	0	0.001
2	0.002	0.017	0.938	0	0	0	0
3	0	0.014	0.047	0.939	0	0	0
4	0.029	0.007	0.006	0.002	0.954	0.001	0.002
5	0.002	0.003	0.002	0.001	0.002	0.991	0
6	0	0.003	0.001	0	0.001	0.001	0.993

Supplementary Table 8: Confusion Matrix for Logistic Regression Classifier using VGG16 (Conv4_2) Features on Test3

	0	1	2	3	4	5	6
0	0.967	0.011	0.006	0	0.013	0.002	0.001
1	0.007	0.977	0.009	0.002	0.005	0	0
2	0.008	0.036	0.848	0.082	0.014	0.007	0.004
3	0	0.011	0.083	0.900	0.001	0.005	0.001
4	0.163	0.007	0.043	0.004	0.778	0.001	0.003
5	0.004	0.001	0.003	0.002	0.005	0.984	0.001
6	0.003	0.002	0.003	0	0.003	0.003	0.987

Supplementary Table 9: Confusion Matrix for Logistic Regression Classifier using VGG16 (Conv4_2) Features on Test4

	0	1	2	3	4	5	6
0	0.979	0.005	0.004	0	0.008	0	0.004
1	0.008	0.988	0.002	0.001	0.001	0	0
2	0	0.043	0.866	0.089	0	0.001	0
3	0	0.007	0.026	0.967	0	0	0
4	0.078	0.018	0.166	0.001	0.736	0.001	0
5	0.002	0	0	0	0	0.997	0
6	0.004	0.001	0.001	0	0.004	0.003	0.989