Adjacency classification errors								
Series	**# cells**	**Possible adjacencies**	**True positives**	**False positives**	**True negatives**	**False negatives**	**Sensitivity**	**Specificity**
JSH001	111	1176	111	0	1061	4	0.965	1.00
JSH040	296	3240	296	1	2936	7	0.977	1.00
Total	–	4416	407	1	3997	11	0.974	1.00

Supplementary Table 2. We compared the results of the adjacency classification algorithm to manually scored EM sections (ground truth). Two sections in the L4 data set were manually scored (JSH001 and JSH040). A section with n cells has $n(n-1)/2$ possible cell pairings that can be classified as either adjacent or non-adjacent. Sensitivity measures how likely two adjacent cell are classified as adjacent. Specificity measures how likely two non-adjacent cells are classified as not adjacent. See Methods and Supplementary Information 5 for details on how sensitivity and specificity were calculated.