Table S10. Ten-fold cross-validation accuracies of gene-pair classifiers composed of genes that encode extracellular products.

	Predicted phenotype (%) ^a									
		EPN	GBM	MDL	MNG	OLG	PA	normal	UC	total
Actual phenotype	EPN	83.3	2.9	4.9	4.9	2.0	1.0	0.0	1.0	102
	GBM	2.2	72.3	0.4	1.3	20.3	0.9	0.0	2.6	231
	MDL	1.0	1.0	94.1	1.0	2.0	0.0	0.0	1.0	101
	MNG	0.0	1.2	0.6	97.5	0.0	0.0	0.0	0.6	161
	OLG	0.0	16.4	0.0	0.0	75.4	3.3	1.6	3.3	61
	PA	1.6	1.6	0.0	0.0	3.2	91.9	0.0	1.6	62
	normal	0.0	1.0	0.0	0.0	1.5	0.0	96.6	1.0	203

^aAccuracies reflect average performance in ten-fold cross-validation conducted ten times. The main diagonal gives the average classification accuracy of each class (bold), and the off-diagonal elements show the erroneous predictions. ^bUC (Unclassified samples). When using the node classifiers, expression profiles that did not exert a signature of any phenotype (i.e., did not percolate down to at least one positive terminal node) were rejected from classification. In this case, the Unclassified sample is treated as a misclassification.