Supplement 1:

Class Comparison and Prediction Trauma vs. Control

Class Comparison, Student's t-test $p<0.001$, n=158 Trauma vs. n=24 Control Microarrays

30,956 significant probe sets

Class Prediction, Leave One Out Cross Validation, 1000 permutations

	Diagonal Linear Discriminat Analysis	1-Nearest Neighbor	3-Nearest Neighbors	Nearest Centroid
Mean percent of correct classification	98	100	99	98
Positive predictive value Healthy Control	0.89	1.00	0.96	0.89
Positive predictive value Trauma	1.00	1.00	1.00	1.00