Statistical tests for over (or under) representation:

- Build a contingency table categorizing genes by D.E. and GO

		Differentially Expressed	
		NO	**YES**
GO term "cell wall modification" present?	**NO**	32,710	950
	YES	290	50

- Use a (modified) Fisher's Exact Test to look for unequal ratios (is 32710:290 different from 950:50)?

Promoter Motif Analysis