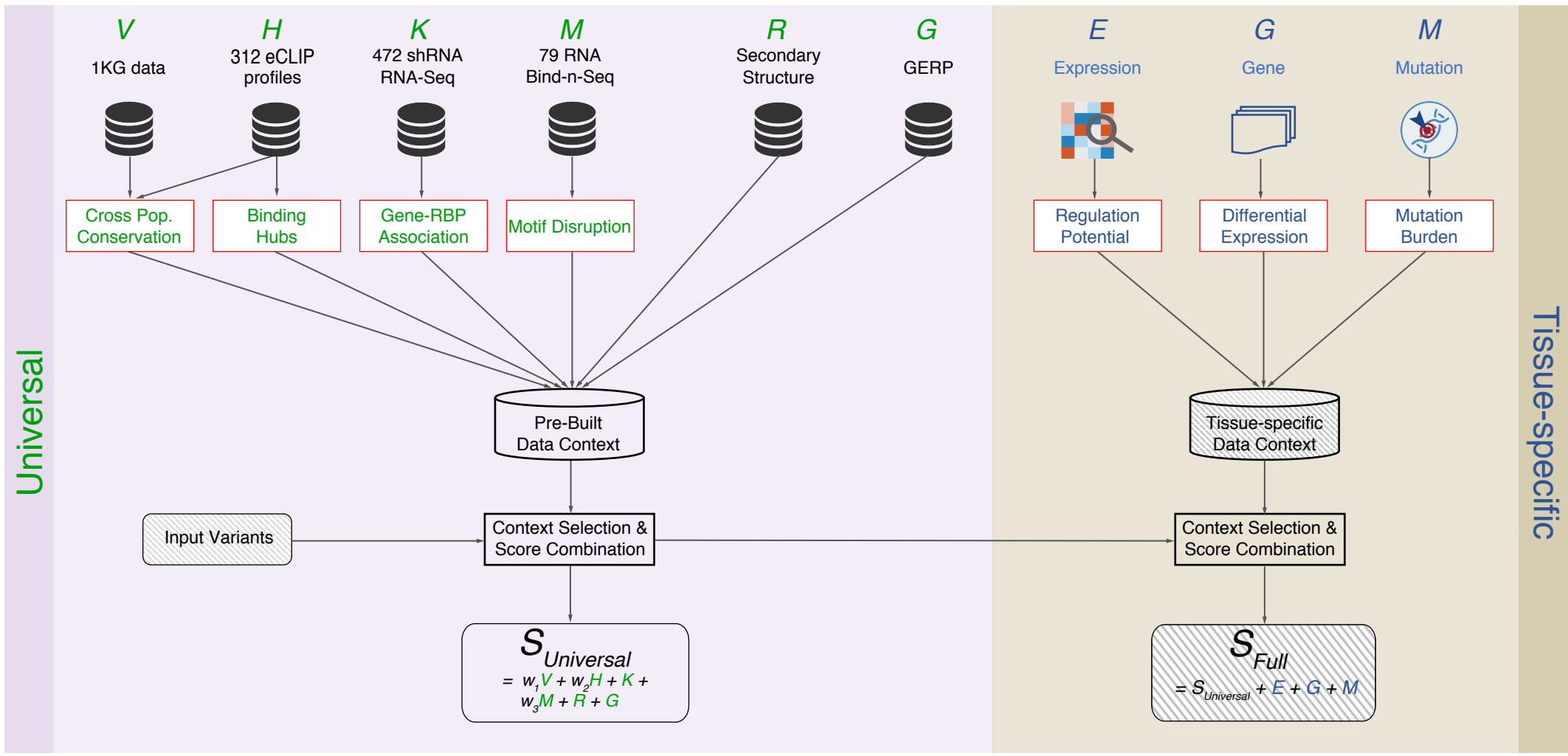


**Figure 1**

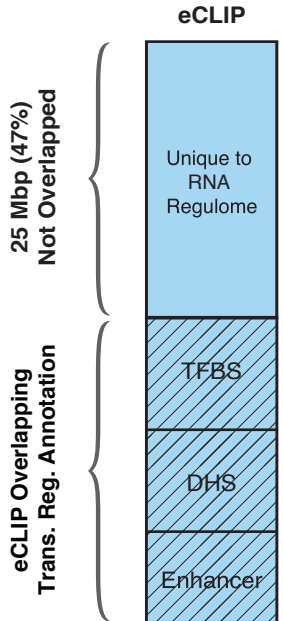


Data and Procedure	
	Input/output
	Tissue-specific (Optional)
	Procedure
	Pre-collected data

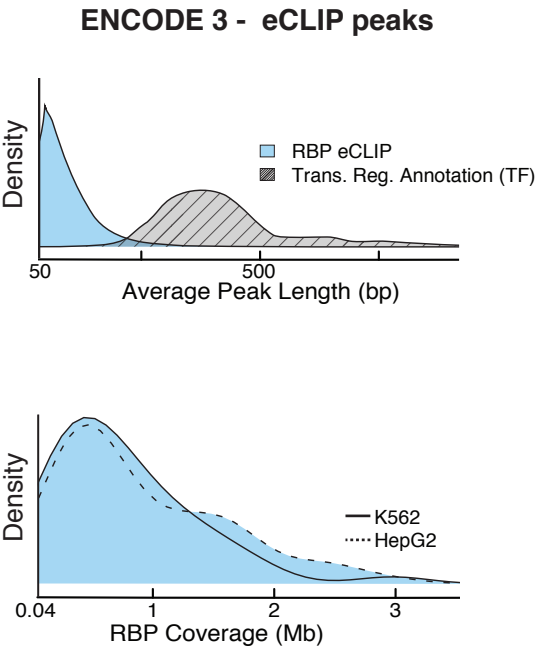
Context Selection & Score Combination			
<b>Regulator Level</b>	<ul style="list-style-type: none"> <li>• Cross Pop. Conservation</li> <li>• Regulation Potential</li> </ul>	<b>Element Level</b>	<ul style="list-style-type: none"> <li>• Binding Hubs</li> <li>• Gene-RBP Association</li> <li>• Mutation Burden</li> <li>• Differential Expression</li> </ul>
		<b>Nucleotide Level</b>	<ul style="list-style-type: none"> <li>• Motif Disruption</li> <li>• GERP</li> <li>• RNA Secondary Structure</li> </ul>
$w_i$	• Feature Weights		

Figure 2

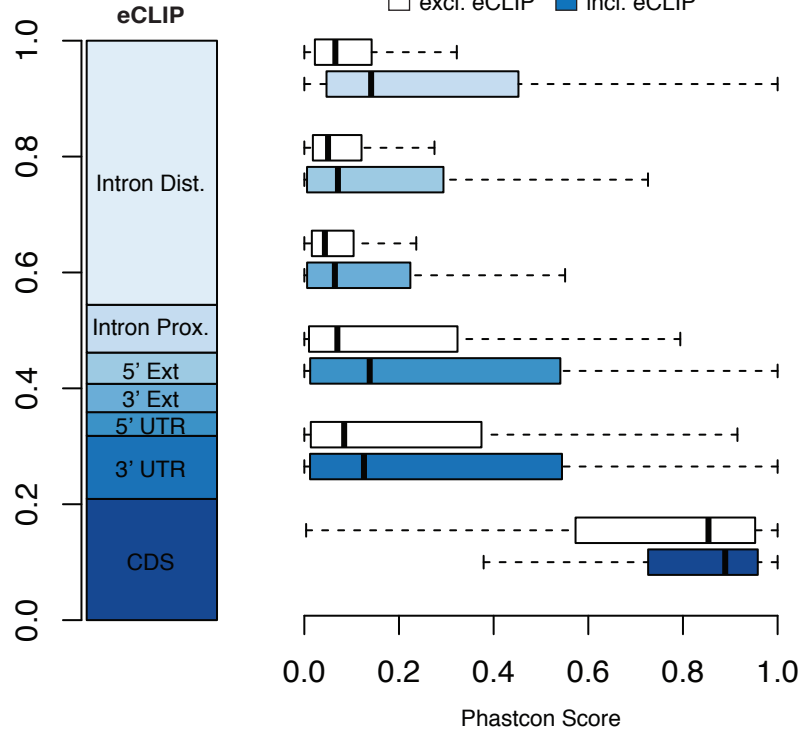
A



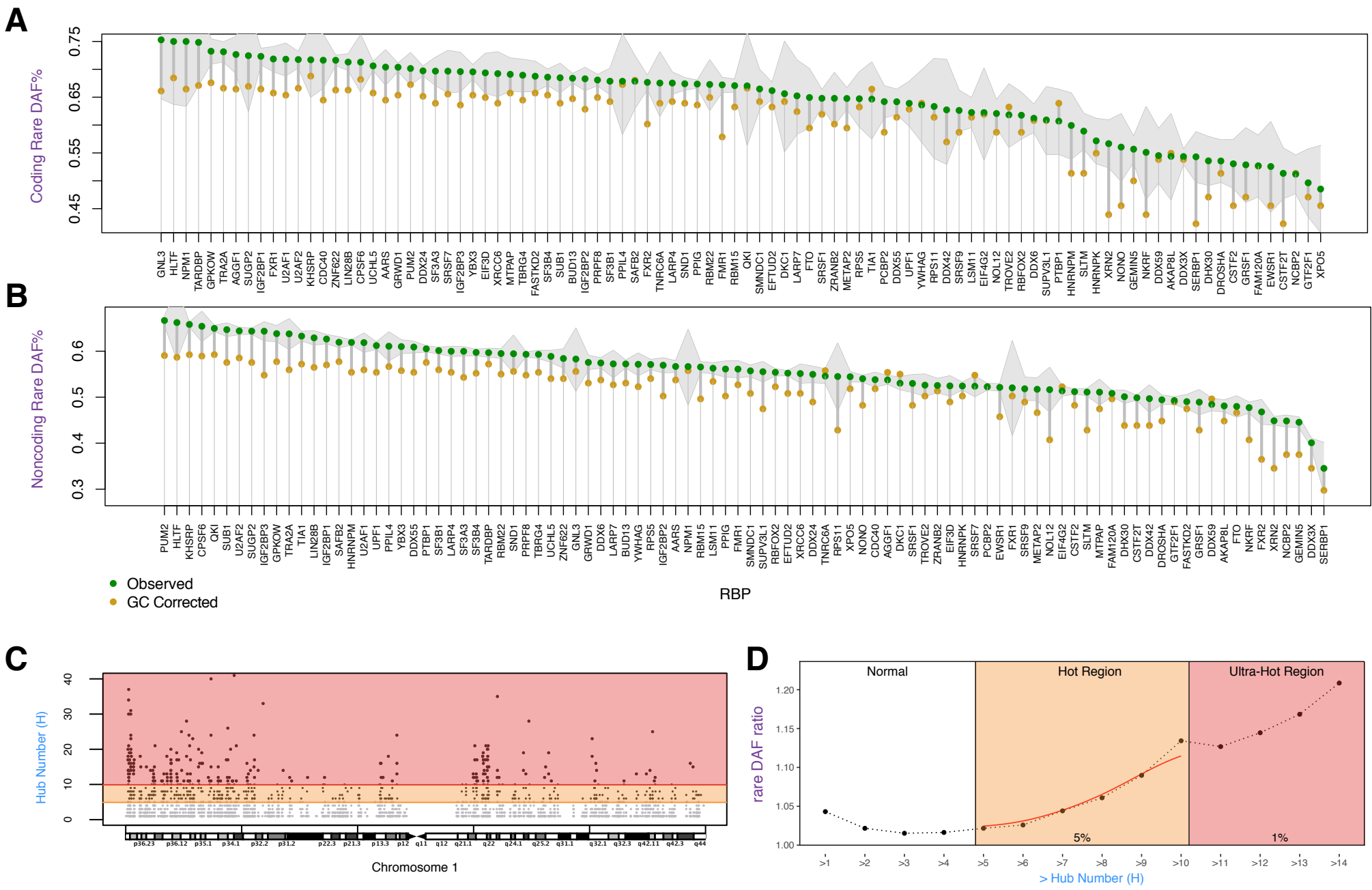
B



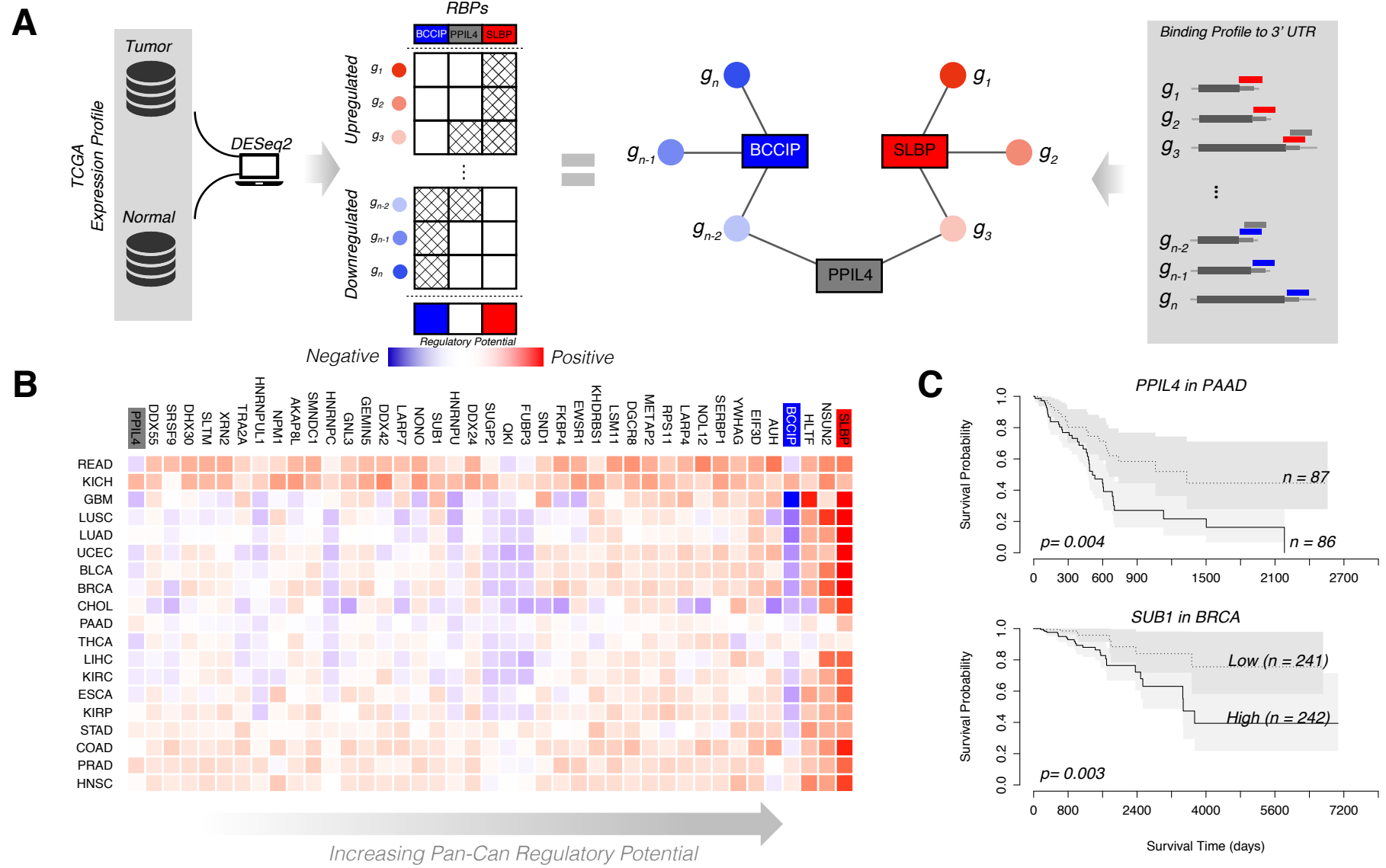
C



**Figure 3**

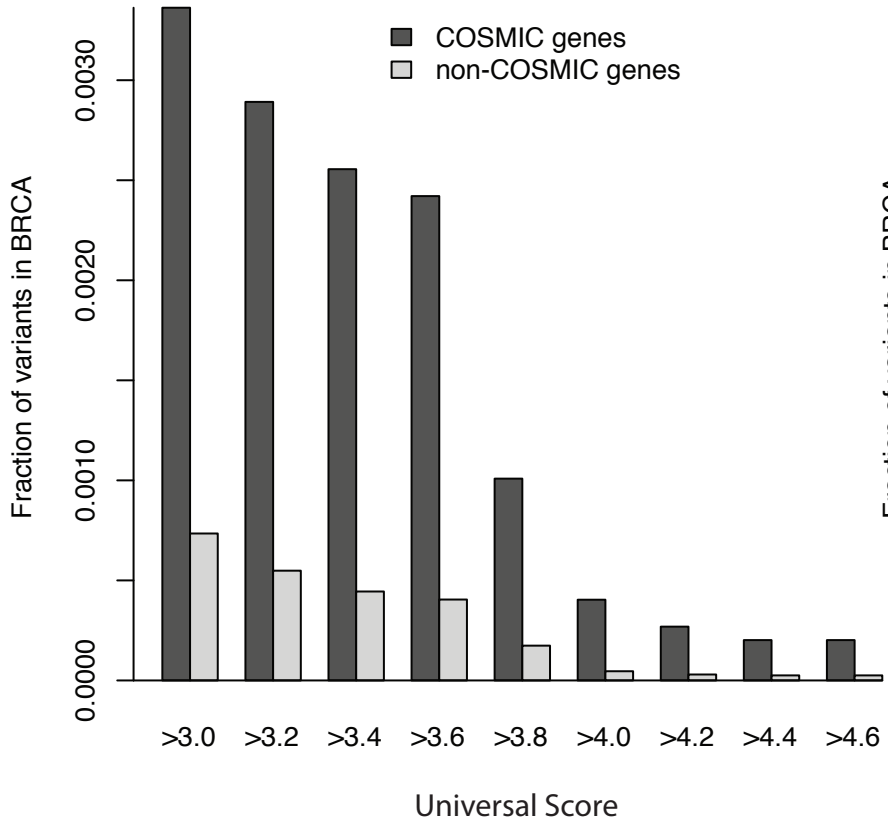


**Figure 4**

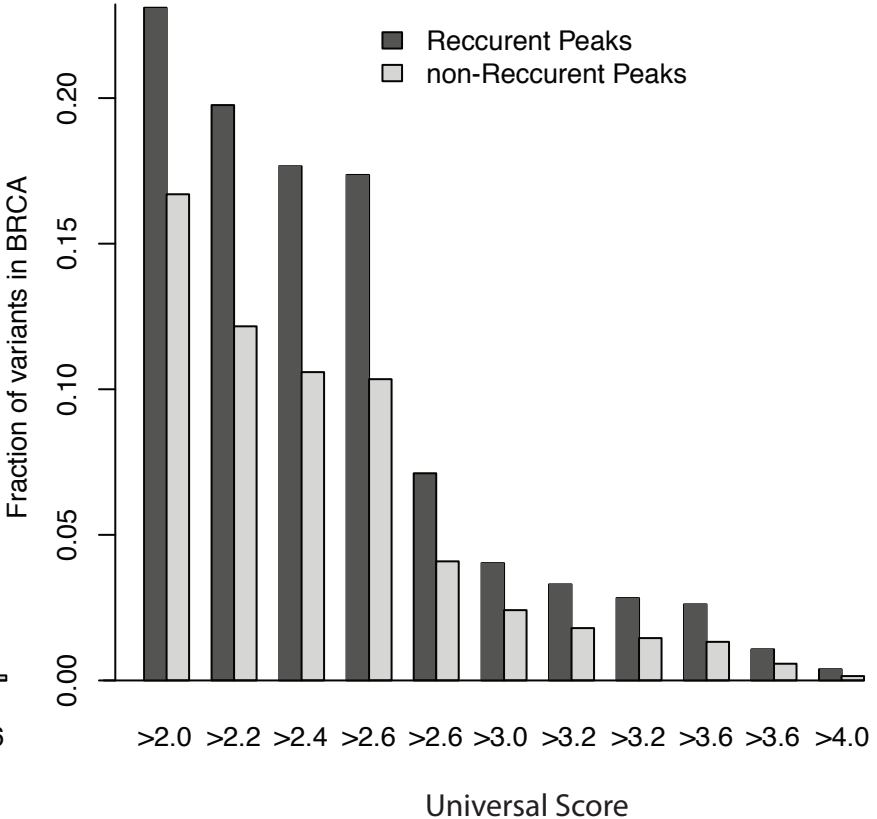


**Figure 5**

**A**



**B**



**Figure 6**

