



28/28 sequence-specific DNA binding

**317/320 DNA binding** **p < 0.001**

**176/178 DNA-binding transcription factor** **p < 0.01**

**84/86 DNA-binding transcription factor, RNA polymerase II-specific** *p < 0.05*

**208/210 transcription regulator**

68/68 ubiquitin-protein transferase

*18/18 transmembrane receptor protein kinase*

**53/54 protein tyrosine kinase**