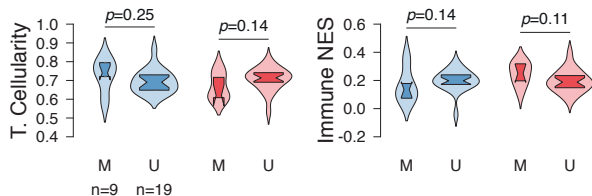
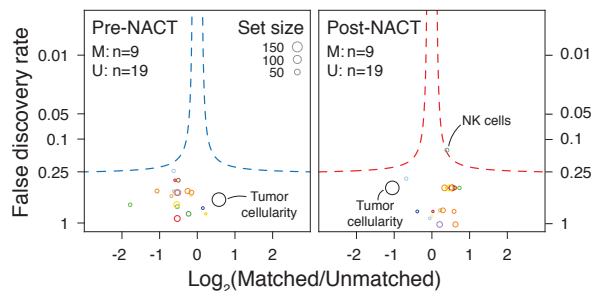


**a**

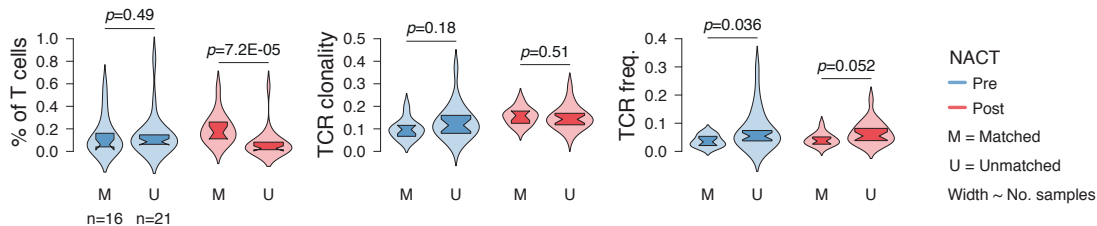
### Matched vs Unmatched Immune signature

**b**

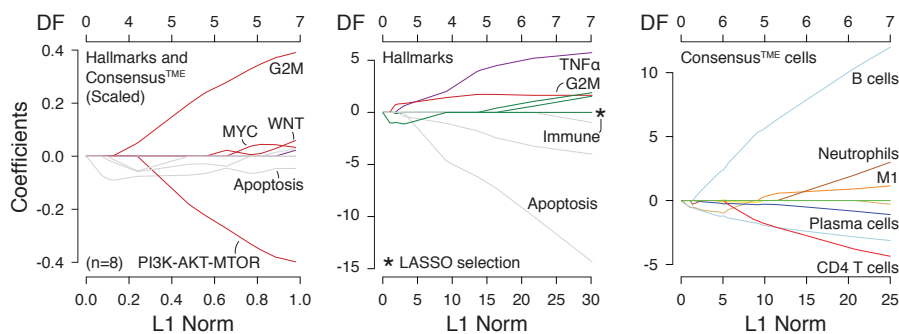
### Matched vs Unmatched Consensus<sup>TME</sup>

**c**

### Matched vs Unmatched TCRseq

**d**

### Variable selection for TCR clonality ratio prediction

**e**

### TCR clonality

