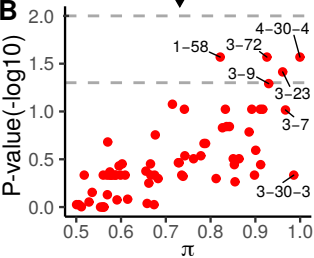


A

repertoire	condition	gene	usage
S1	HD	IGHV3-1	67
S2	HCV ⁺	IGHV3-1	12
...

→ IgGeneUsage

B**C**