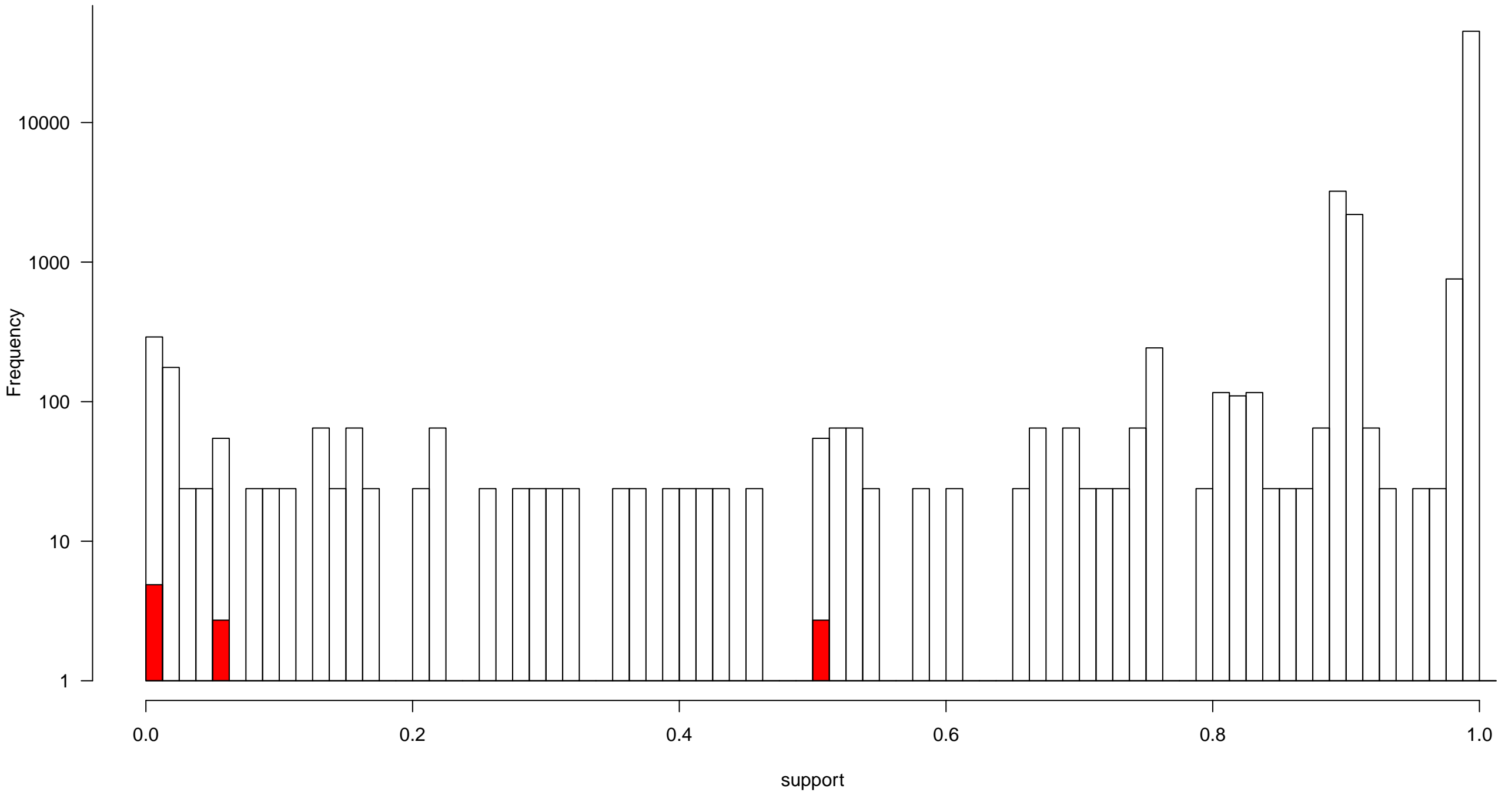
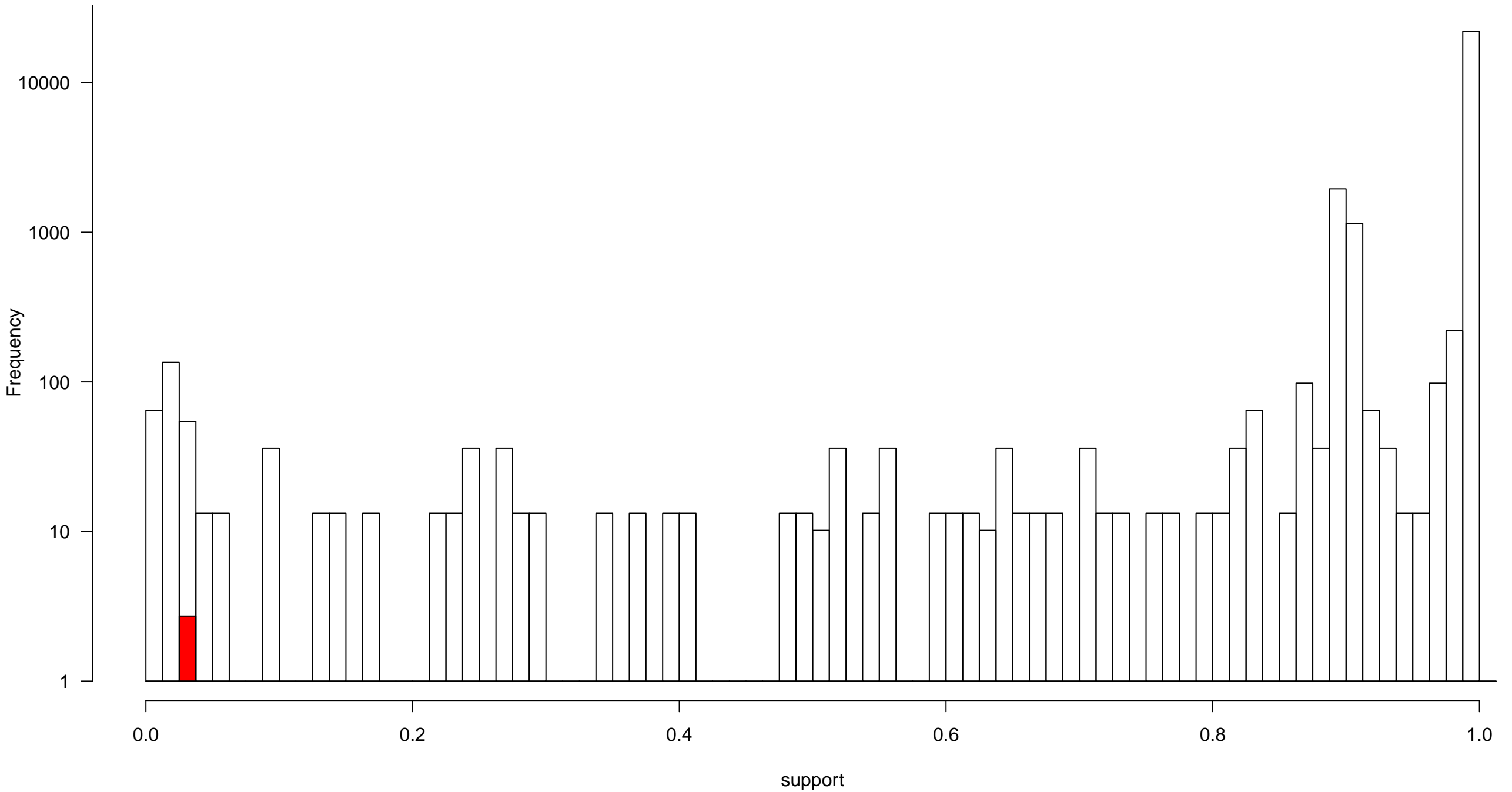


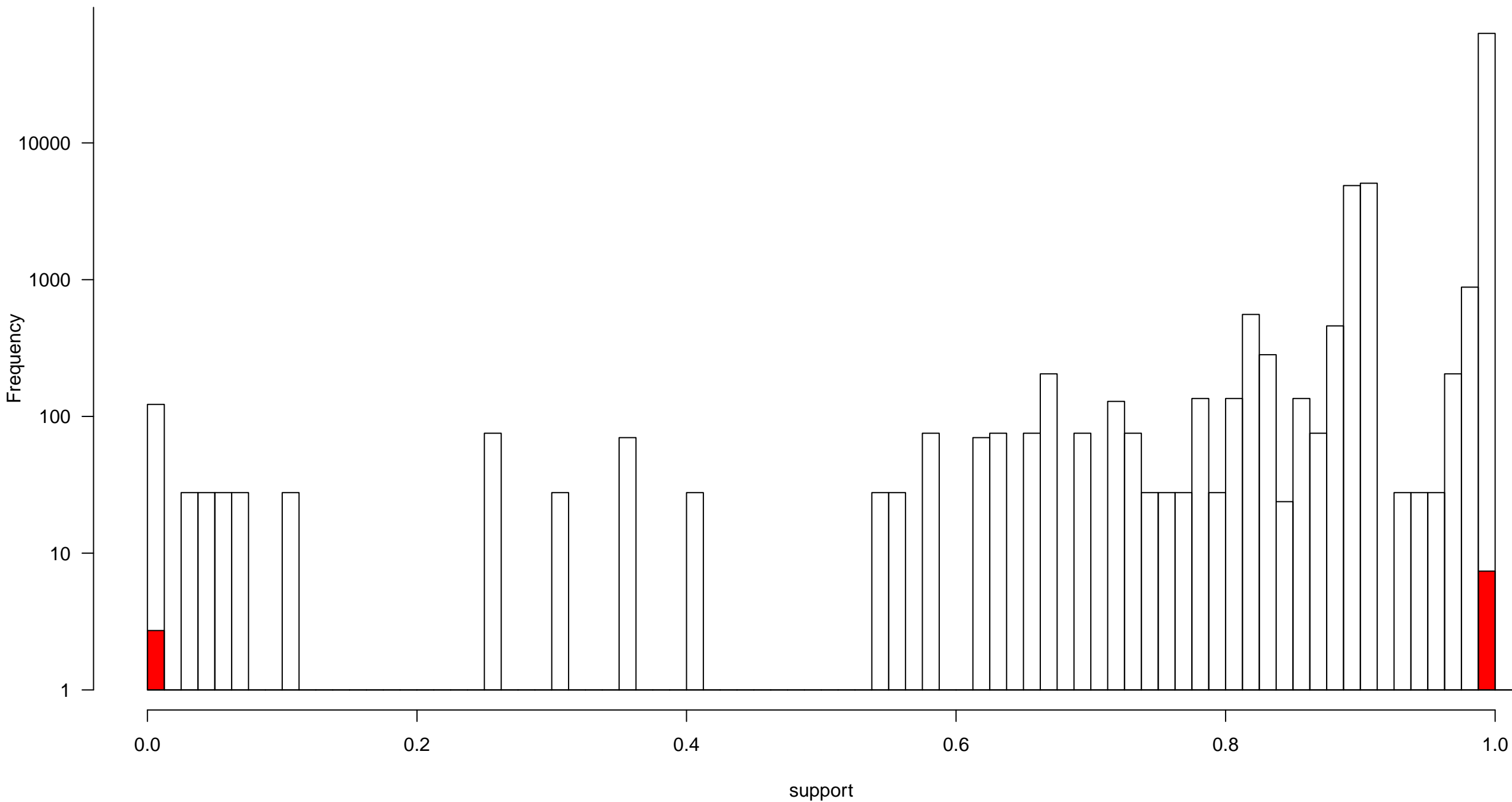
**pPB2 sweep substitutions (red) vs. all substitutions**



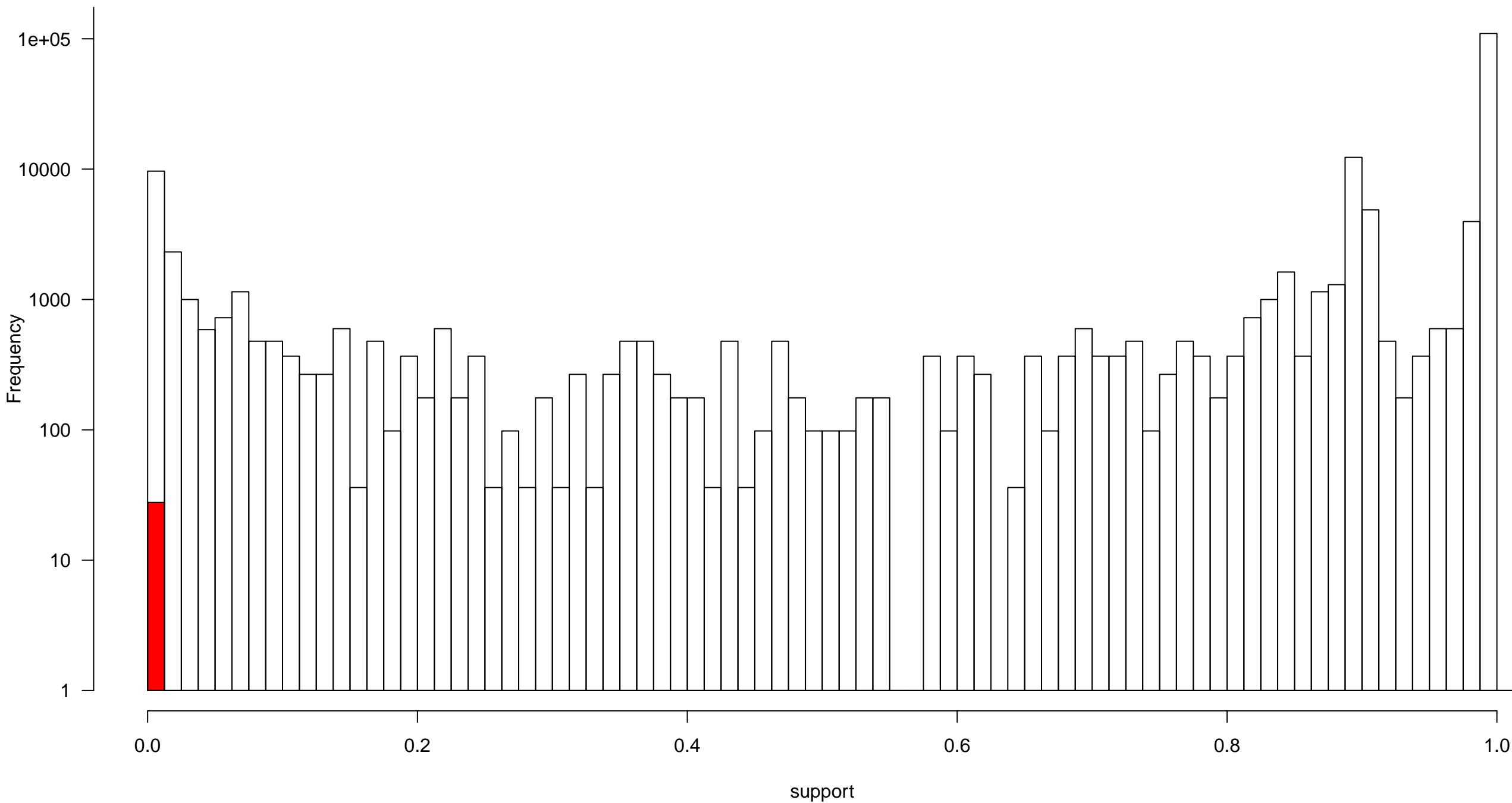
**pPB1 sweep substitutions (red) vs. all substitutions**



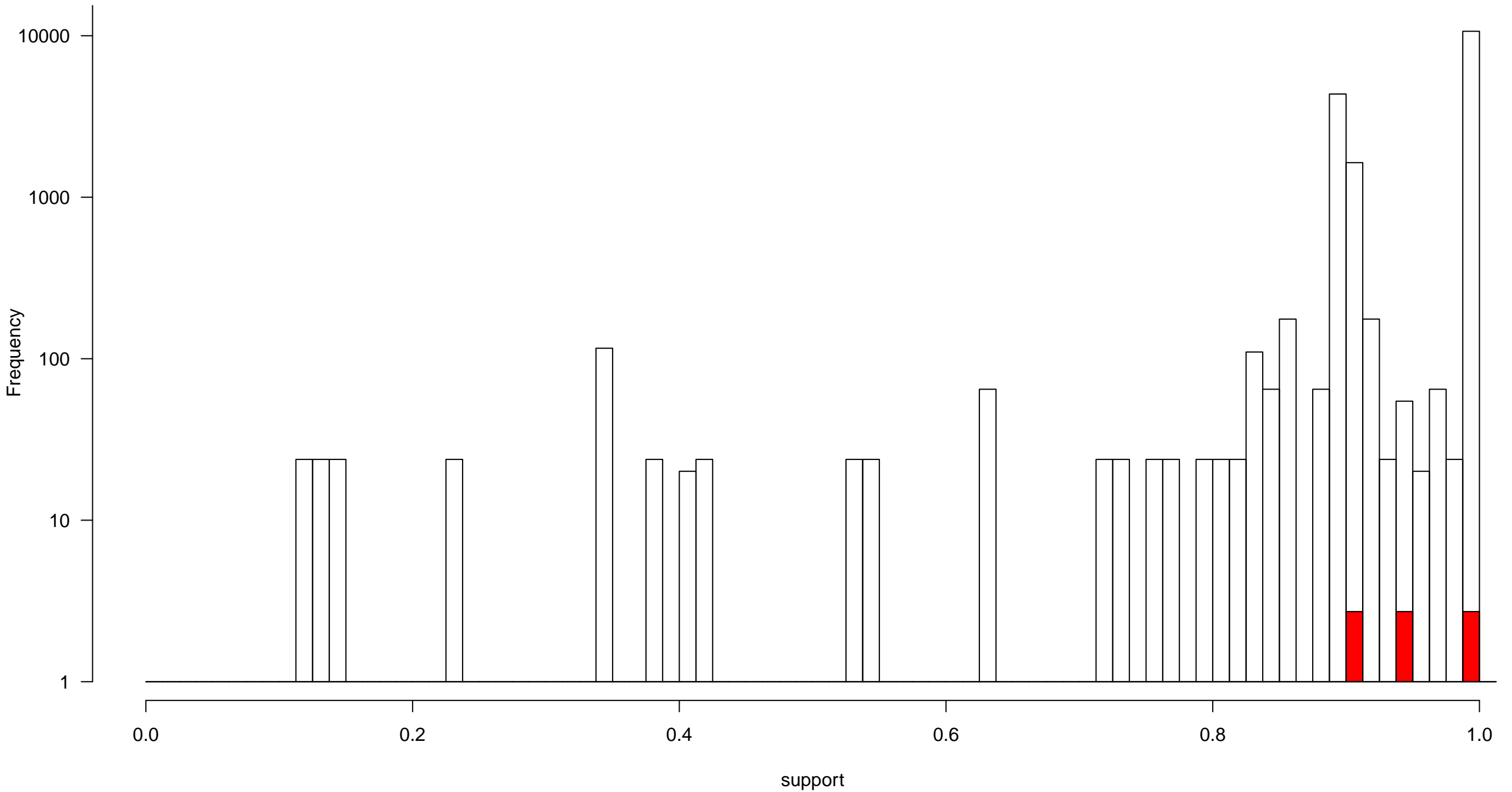
pPA sweep substitutions (red) vs. all substitutions



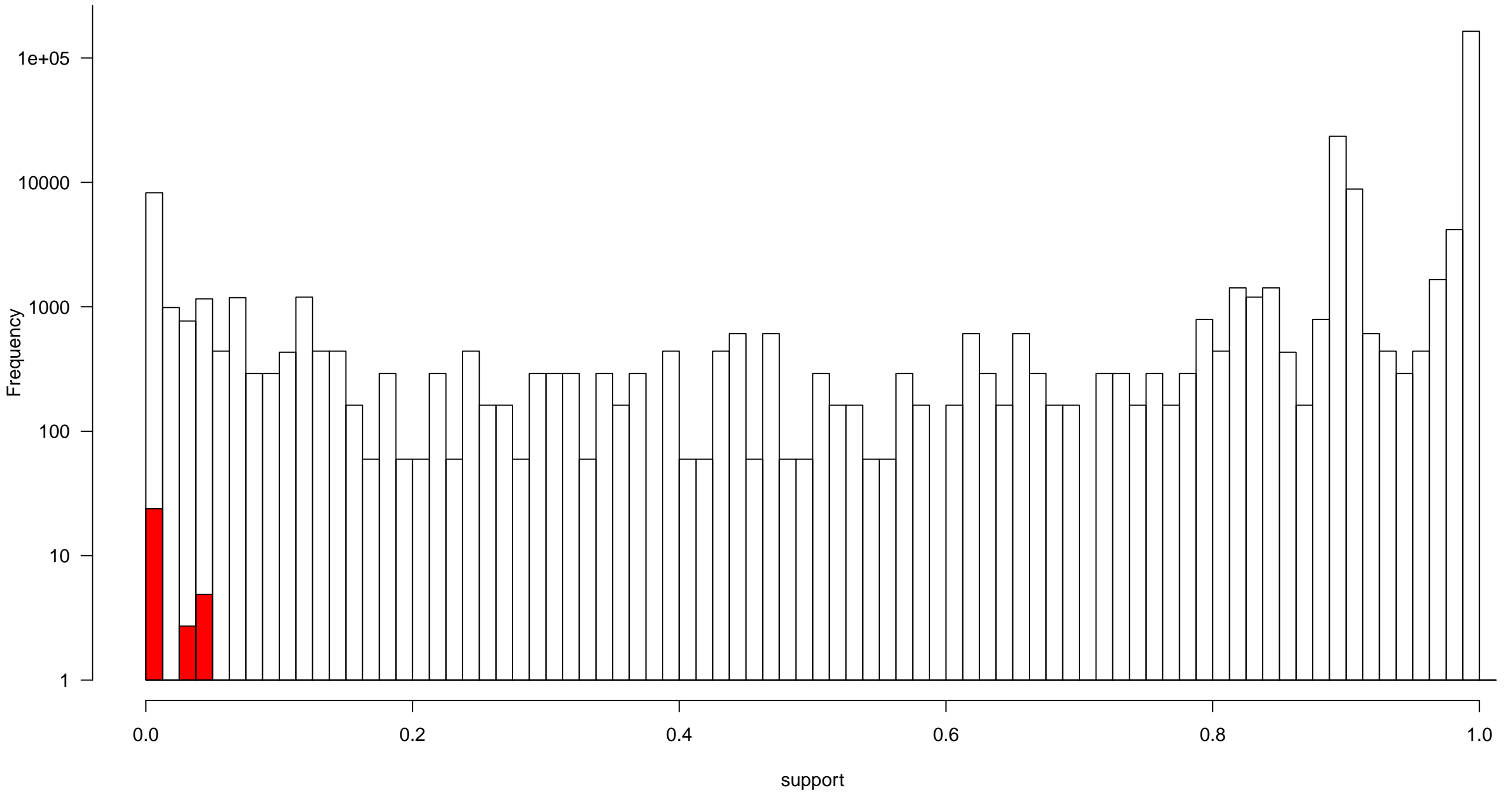
pHA sweep substitutions (red) vs. all substitutions



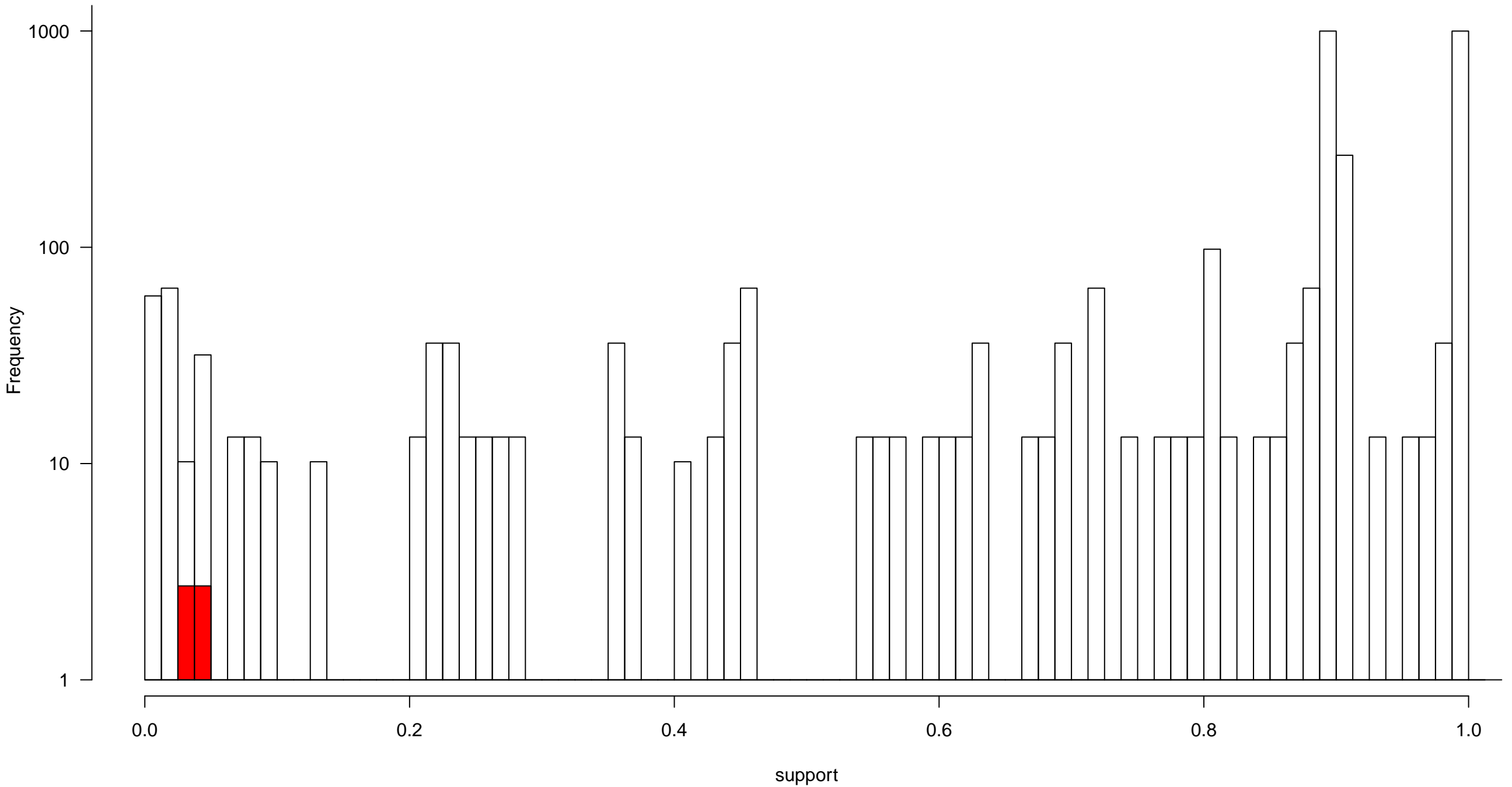
**pNP sweep substitutions (red) vs. all substitutions**



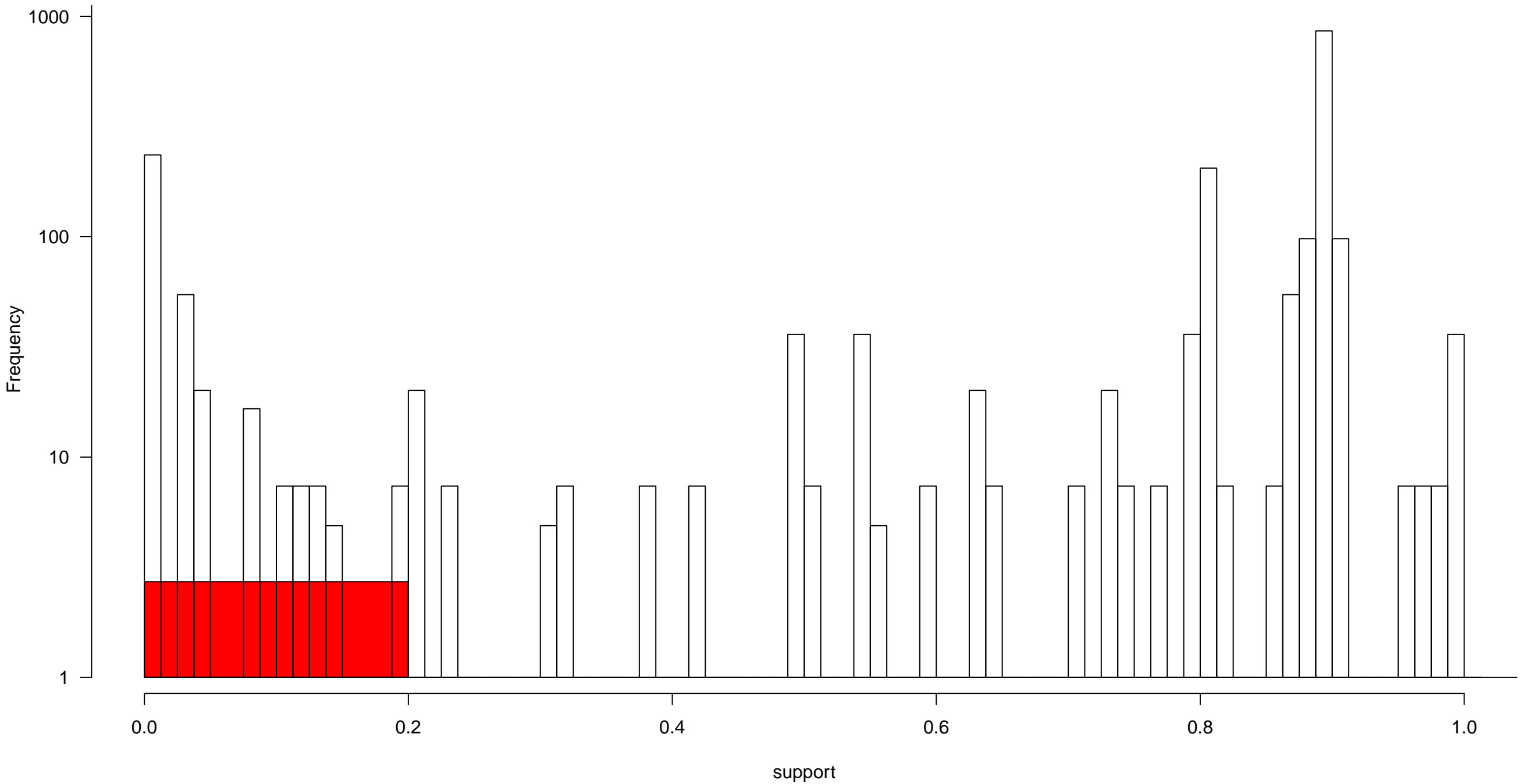
pNA sweep substitutions (red) vs. all substitutions



**pM1 sweep substitutions (red) vs. all substitutions**

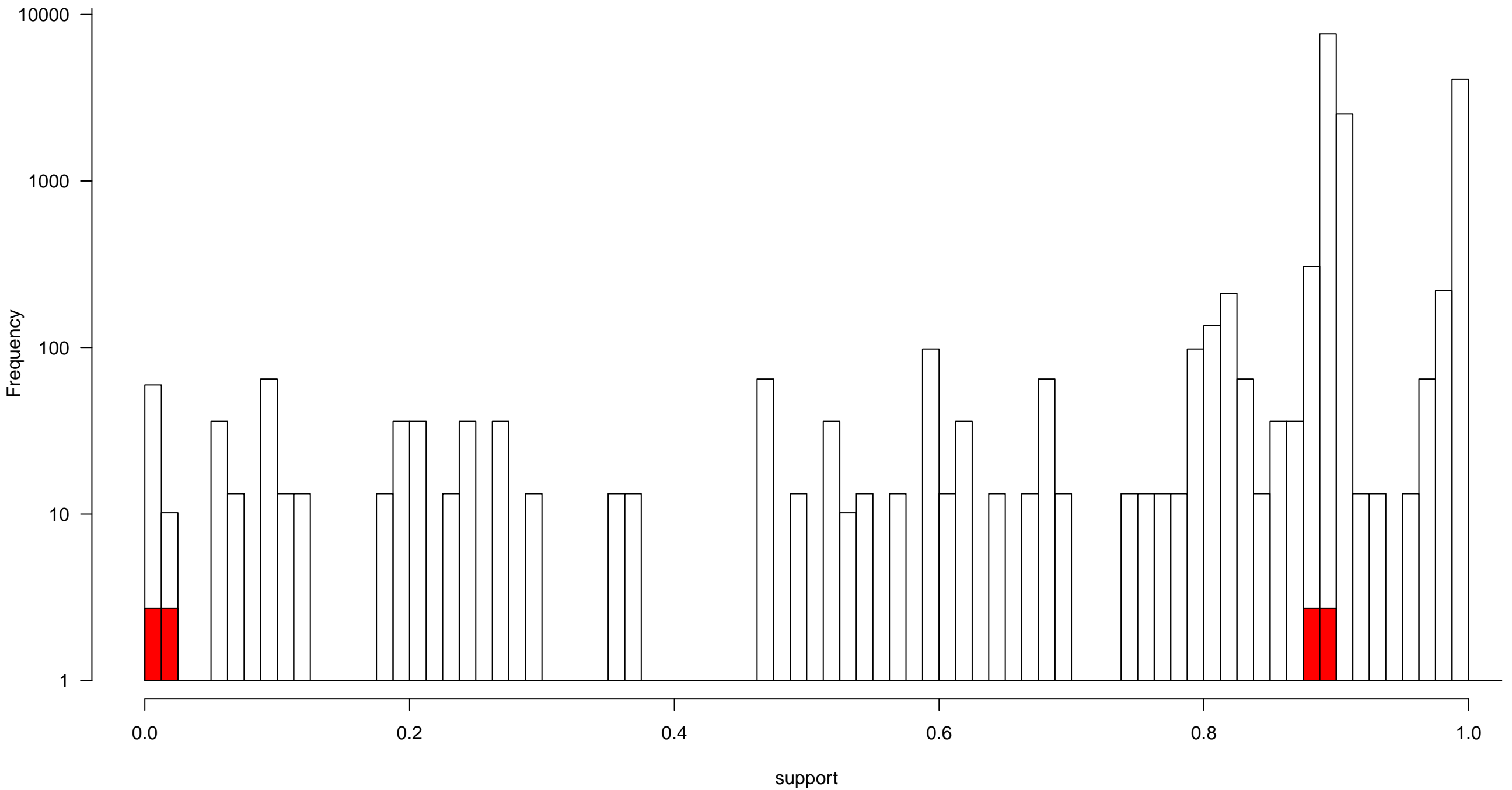


**pM2 sweep substitutions (red) vs. all substitutions**

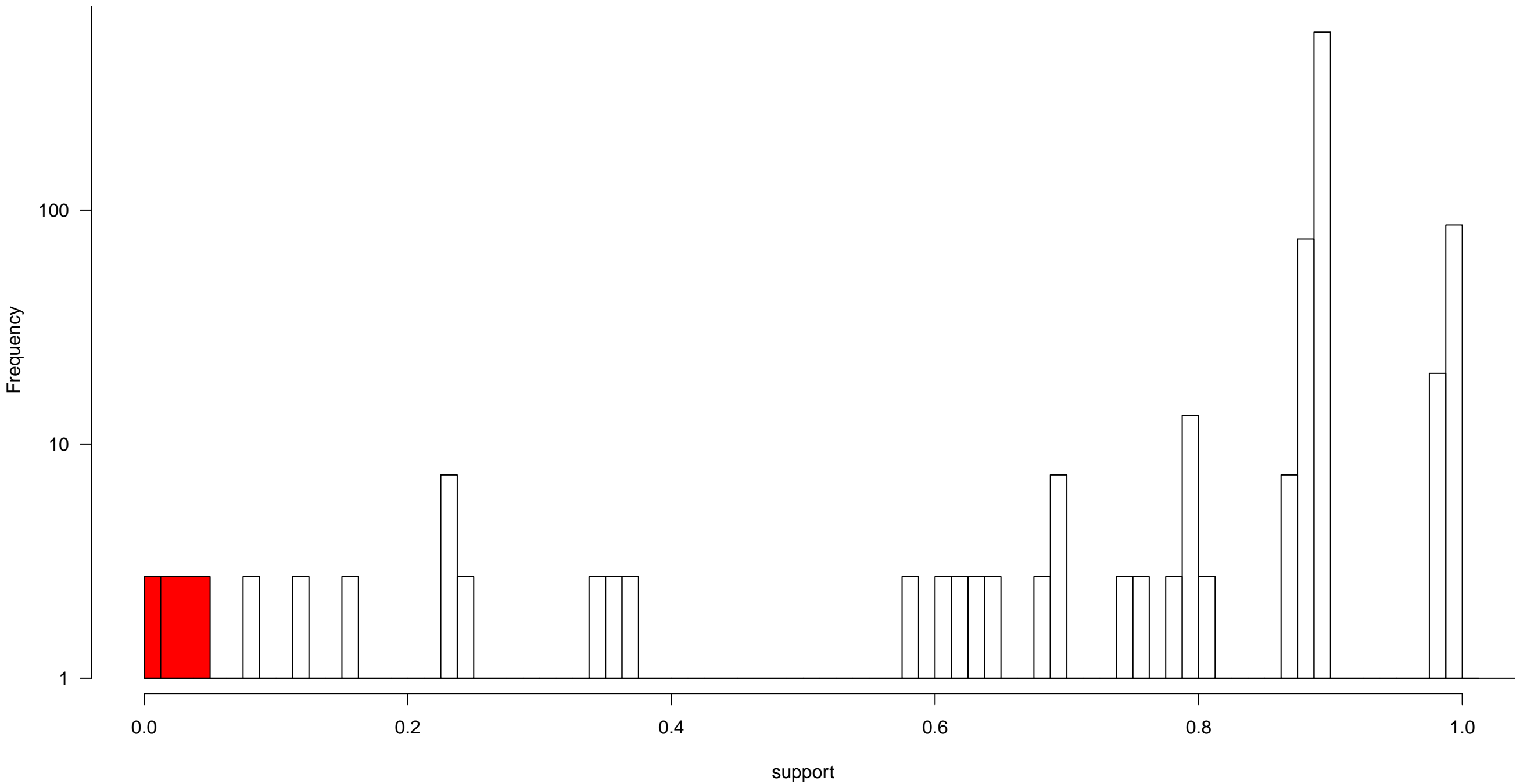




**pNS1 sweep substitutions (red) vs. all substitutions**



pNS2 sweep substitutions (red) vs. all substitutions



**sHA sweep substitutions (red) vs. all substitutions**

