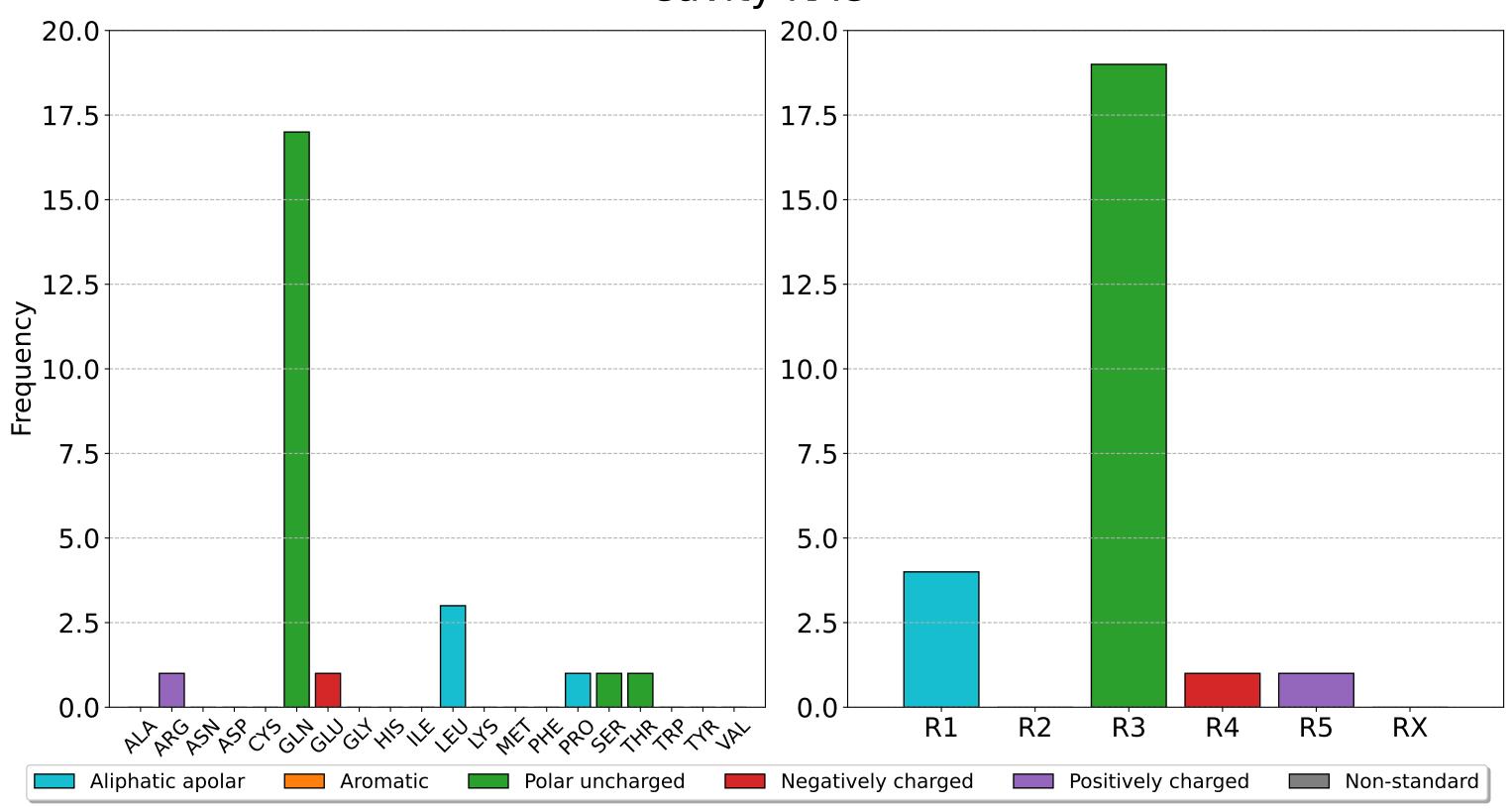
Cavity KAA 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 **R**3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAB 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 **R**3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAC



Cavity KAD 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 0.0 R1 R2 **R**3 **R4 R**5 RX

Negatively charged

Positively charged

Non-standard

Aliphatic apolar

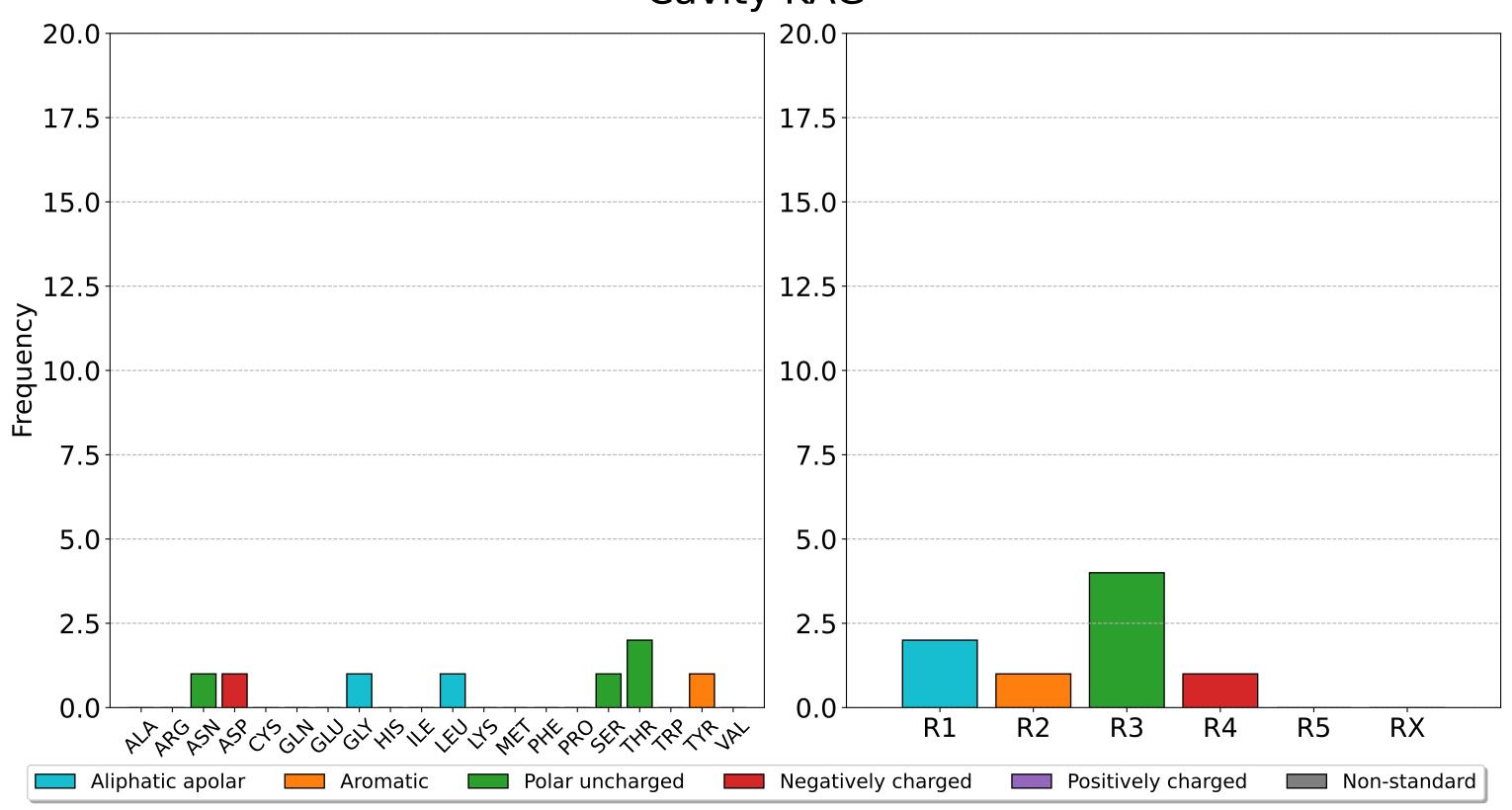
Aromatic

Polar uncharged

Cavity KAE 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 0.0 R₂ R1 **R**3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

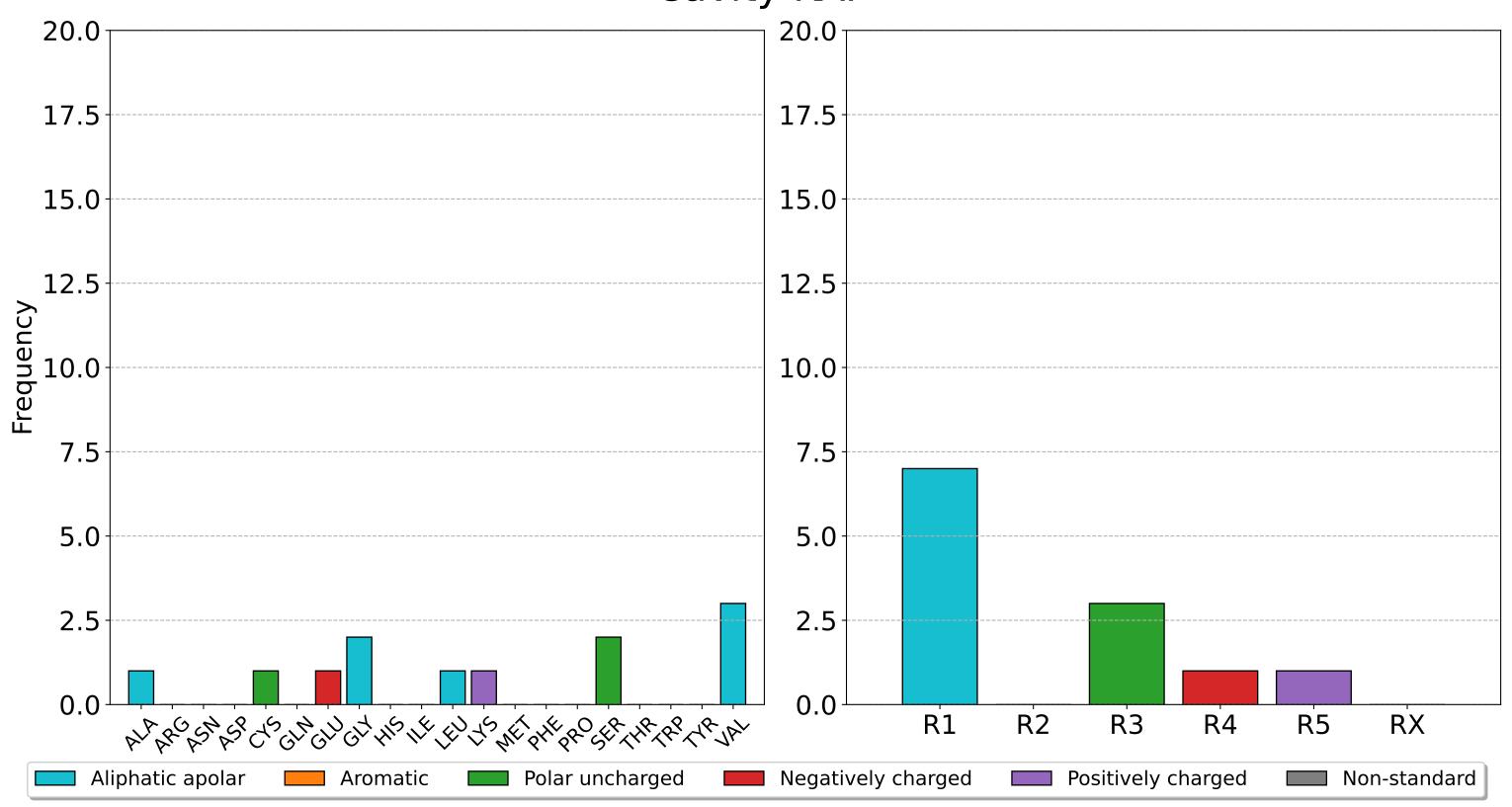
Cavity KAF 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R₂ R1 **R**3 **R4** R5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAG

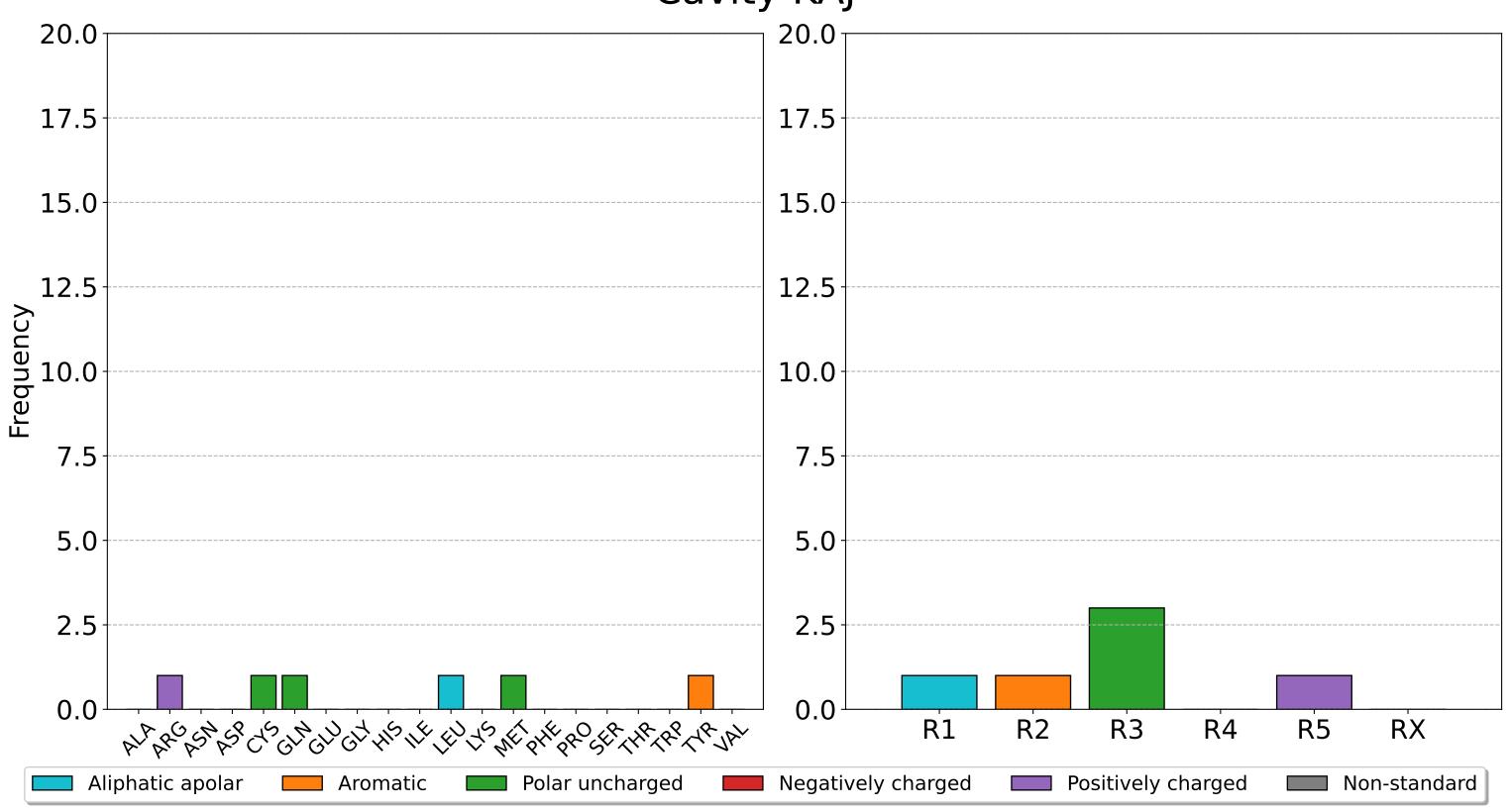


Cavity KAH 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 0.0 R₂ R1 **R**3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAI



Cavity KAJ

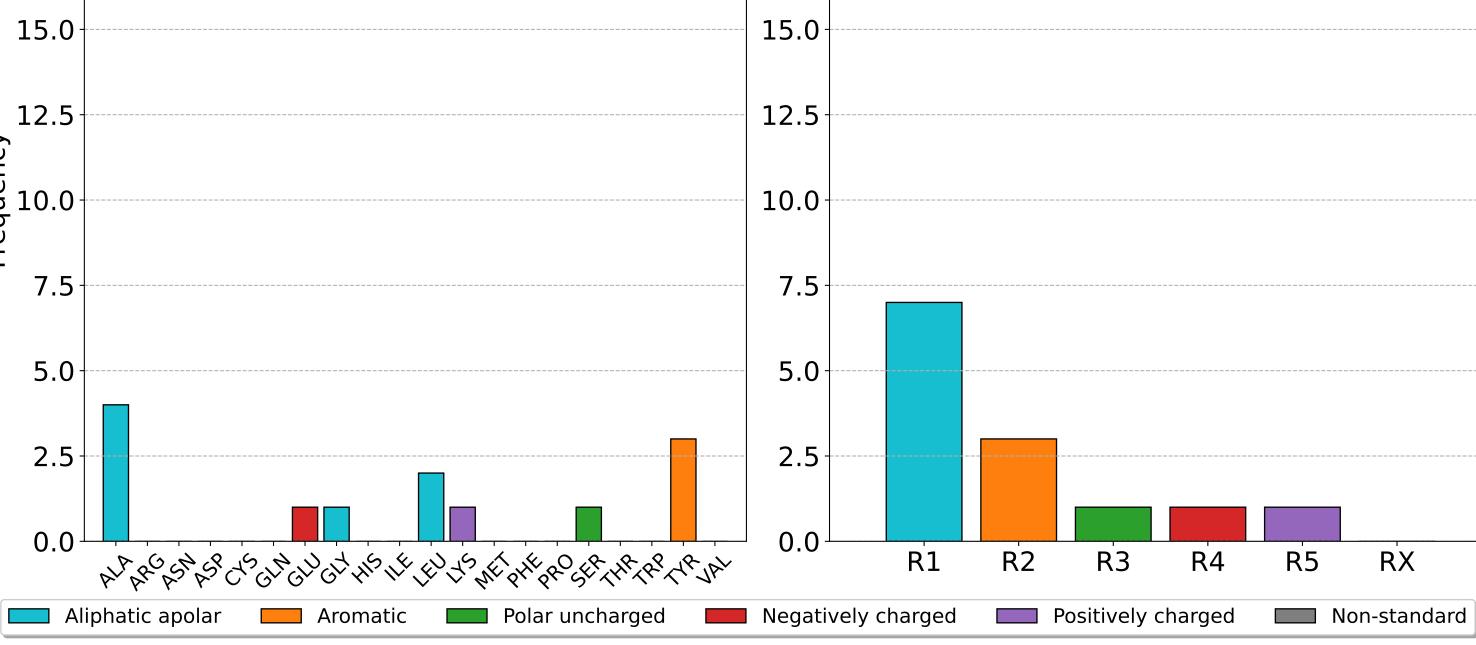


Cavity KAK 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 R3 **R4** R5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAL 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R₂ R1 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAM 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 7.5 5.0 5.0 2.5 2.5 0.0 Pres Exes Color Control Refer Control Color Color R1 R2 R3 **R4** R5 RXAliphatic apolar Polar uncharged Negatively charged Positively charged Non-standard Aromatic

Cavity KAN 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5



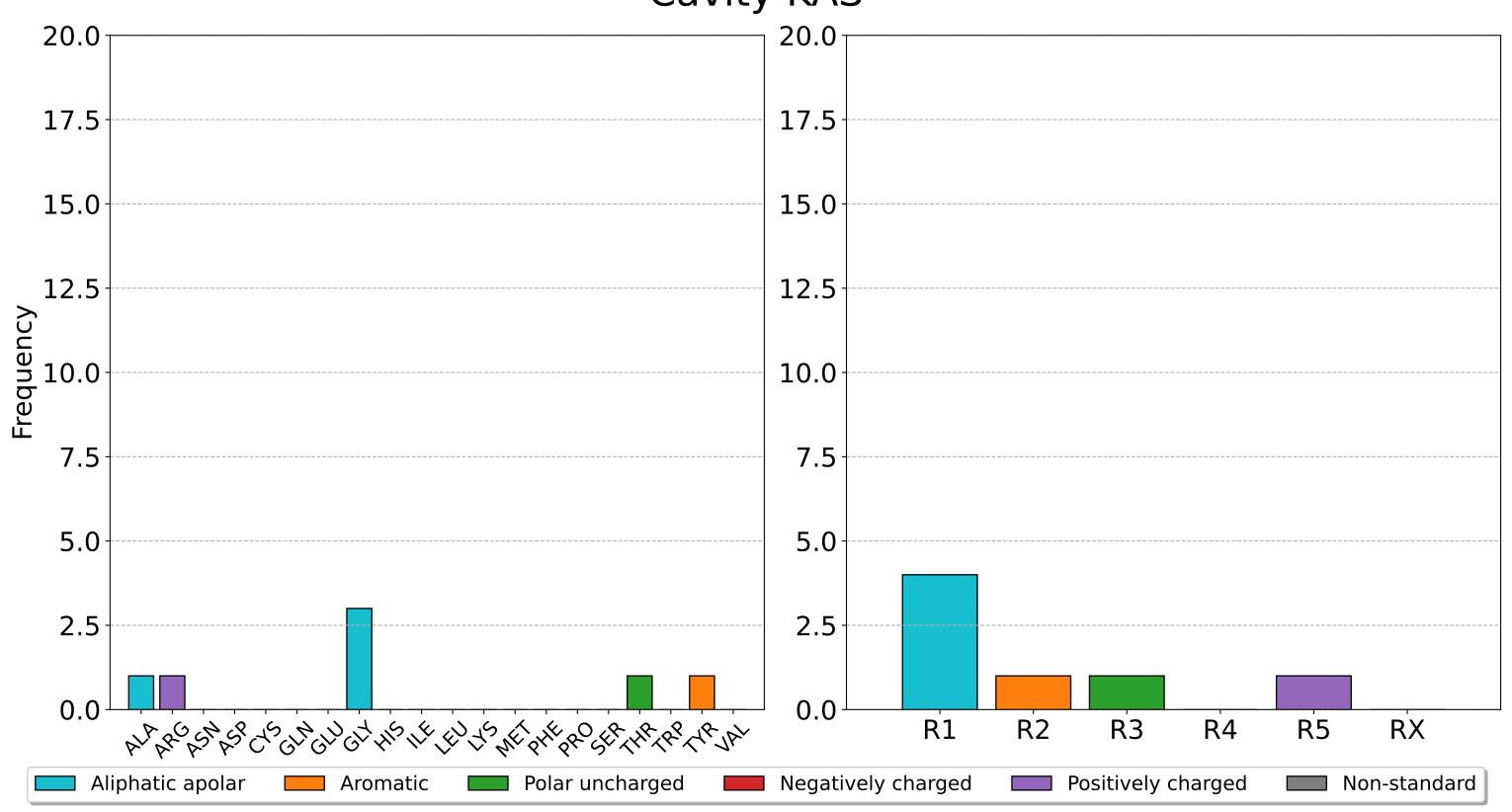
Cavity KAO 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 R3 **R4** R5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAP 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 0.0 R1 R2 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAQ 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R₂ R1 R3 **R4** R5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

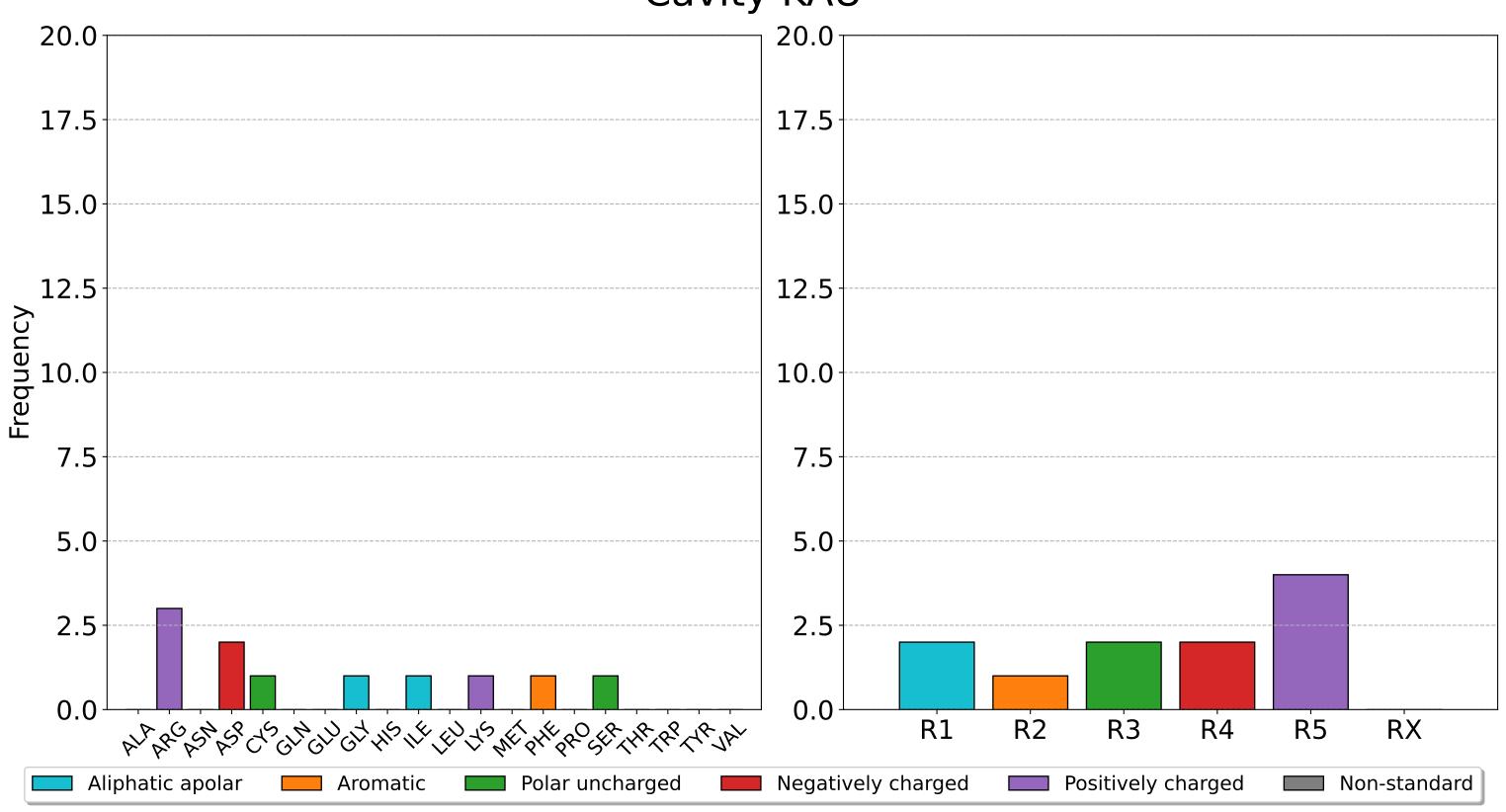
Cavity KAR 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 7.5 5.0 5.0 2.5 2.5 0.0 Pres ex es a circination to ten a reference to the both t R1 R2 R3 **R4 R**5 RXAliphatic apolar Polar uncharged Negatively charged Positively charged Non-standard Aromatic

Cavity KAS



Cavity KAT 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 0.0 R1 R2 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAU



Cavity KAV 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAW 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 0.0 R1 R2 R3 **R4 R**5 RX

Negatively charged

Positively charged

Non-standard

Aliphatic apolar

Aromatic

Polar uncharged

Cavity KAX 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAY 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 0.0 R1 R2 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KAZ 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard

Cavity KBA 20.0 20.0 17.5 17.5 15.0 15.0 12.5 12.5 Frequency 10.0 10.0 7.5 5.0 5.0 2.5 2.5 0.0 R1 R2 R3 **R4 R**5 RXAliphatic apolar Aromatic Polar uncharged Negatively charged Positively charged Non-standard