

Lysine	Heavy Isotopes	Abbreviation	Mass (Da)
light	$^{13}\text{C}_0^2\text{H}_0^{15}\text{N}_0$	K ₀₀₀	146.1055
medium	$^{13}\text{C}_0^2\text{H}_4^{15}\text{N}_0$	K ₀₄₀	150.1306
heavy 1	$^{13}\text{C}_6^2\text{H}_0^{15}\text{N}_2$	K ₆₀₂	154.1197
heavy 2	$^{13}\text{C}_4^2\text{H}_2^{15}\text{N}_2$	K ₄₂₂	154.1255
heavy 3	$^{13}\text{C}_5^2\text{H}_2^{15}\text{N}_1$	K ₅₂₁	154.1319
heavy 4	$^{13}\text{C}_3^2\text{H}_4^{15}\text{N}_1$	K ₃₄₁	154.1377
heavy 5	$^{13}\text{C}_4^2\text{H}_4^{15}\text{N}_0$	K ₄₄₀	154.1440
heavy 6	$^{13}\text{C}_0^2\text{H}_8^{15}\text{N}_0$	K ₀₈₀	154.1557

Supplemental Table 1. Lysine variants used in these experiments.