

	k_{cat} (sec ⁻¹)	K_M (μM)	$K_{i \text{ Pyruvate}}$ (mM)	k_{cat}/K_M (sec ⁻¹ M ⁻¹)
Wild Type	110 ± 2	67 ± 5	59 ± 12	1.6 ± 0.1 ×10 ⁶
T101A	39 ± 1	30 ± 4	19 ± 3	1.3 ± 0.2 ×10 ⁶
K102A	79 ± 2	460 ± 57	-	1.7 ± 0.2 ×10 ⁵
A103S	130 ± 3	180 ± 17	500 ± 890	6.9 ± 0.6 ×10 ⁵
P105A	77 ± 2	190 ± 25	-	4.1 ± 0.6 ×10 ⁵
G106A	150 ± 4	360 ± 34	130 ± 75	4.2 ± 0.3 ×10 ⁵
K107aA	140 ± 3	440 ± 43	-	3.2 ± 0.3 ×10 ⁵
S107bA	110 ± 5	100 ± 16	-	1.1 ± 0.2 ×10 ⁶
D107cA	98 ± 4	120 ± 18	35 ± 10	8.4 ± 1.2 ×10 ⁵
K107dA	74 ± 2	52 ± 6	76 ± 29	1.4 ± 0.2 ×10 ⁶
E107eA	190 ± 7	180 ± 24	560 ± 180	1.0 ± 0.1 ×10 ⁶
W107fA	0.071 ± 0.002	3000 ± 320	-	2.3 ± 0.2 ×10 ¹
N108A	150 ± 4	550 ± 64	-	2.7 ± 0.3 ×10 ⁵