

Reaction	Rate constants	Source*
O → O + LpxA	$0.00007s^{-1}$	K
LpxA + S → ES	$883mM^{-1}s^{-1}$	K
ES → LpxA + S	$717s^{-1}$	K
ES → P + LpxA	$7.17s^{-1}$	E
P + LpxA → ES	$883mM^{-1}s^{-1}$	K
Q → Q + LpxC	$0.000096s^{-1}$	K
LpxC + P → EP	$7973mM^{-1}s^{-1}$	K
EP → LpxC + P	$0.015s^{-1}$	K
LpxC → degrade	$0.00023s^{-1}$	K
EP → P2 + LpxC	$1.5s^{-1}$	E

\* E = experimental K = from our kinetic model