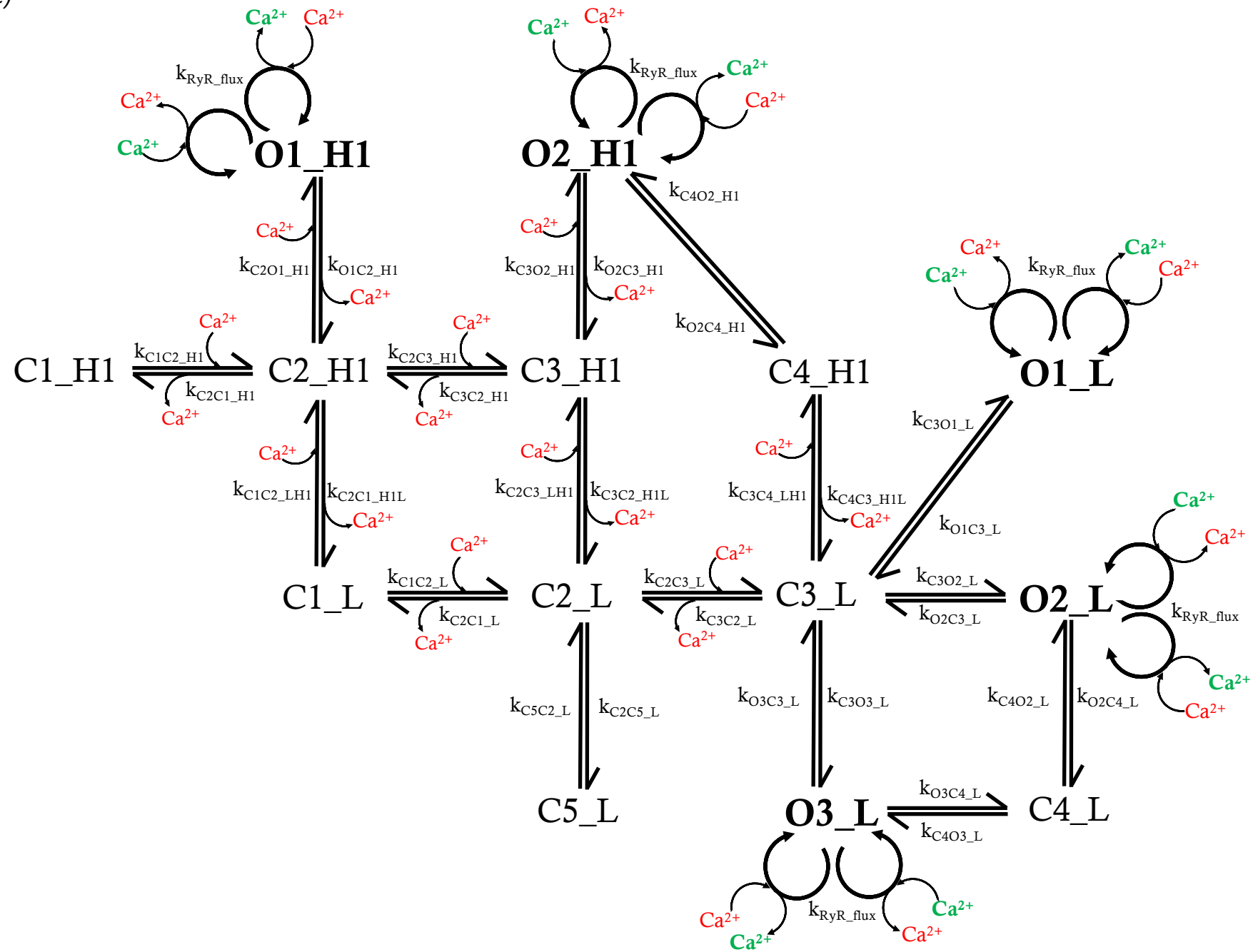
a)


O1_H1
O2_H1
C1_H1
C2_H1
C3_H1
C4_H1
O1_L
C1_L
C2_L
C3_L
O2_L
C5_L
O3_L
C4_L
kRyR_flux
kC2O1_H1
kO1C2_H1
kC3O2_H1
kO2C3_H1
kC4O2_H1
kO2C4_H1
kC1C2_H1
kC2C1_H1
kC2C3_H1
kC3C2_H1
kC1C2_LH1
kC2C1_H1L
kC2C3_LH1
kC3C2_H1L
kC3C4_LH1
kC4C3_H1L
kC3O1_L
kO1C3_L
kC1C2_L
kC2C1_L
kC2C3_L
kC3C2_L
kC3O2_L
kO2C3_L
kC5C2_L
kC2C5_L
kO3C3_L
kC3O3_L
kC4O2_L
kO2C4_L
kO3C4_L
kC4O3_L
Ca2+