import pysb.bng

pysb.bng.generate\_equations(m.model)

m.model

len(m.model.species)

m.model.monomers

m.model

m.model.expressions

m.model.observables.o\_NFkB\_nuc

0.174698\*((o\_NFkB\_nuc/24579)\*\*2/((o\_NFkB\_nuc/24579)\*\*2 + 1))

o\_NFkB\_nuc = \_10

0.174698\*((o\_NFkB\_nuc/24579)\*\*2/((o\_NFkB\_nuc/24579)\*\*2 + 1))

model.reactions

model = m.model

model.reactions

o\_NFkB\_nuc.species

[r for r in model.reactions if 8 in r['reactants'] or 8 in r['products']]

import pysb.expotr

import pysb.export

print(pysb.export.export(model, 'bng\_net'))

[r for r in model.reactions if 8 in r['reactants'] or 8 in r['products']]

o\_NFkB\_nuc = \_10

model.expressions.ktran\_IkBa

model.rule

model.rules

[(i, r) for i, r in enumerate(model.reactions) if 8 in r['reactants'] or 8 in r['products']]

model.reactions[16]

m.model.expressions.ktran\_IkBa