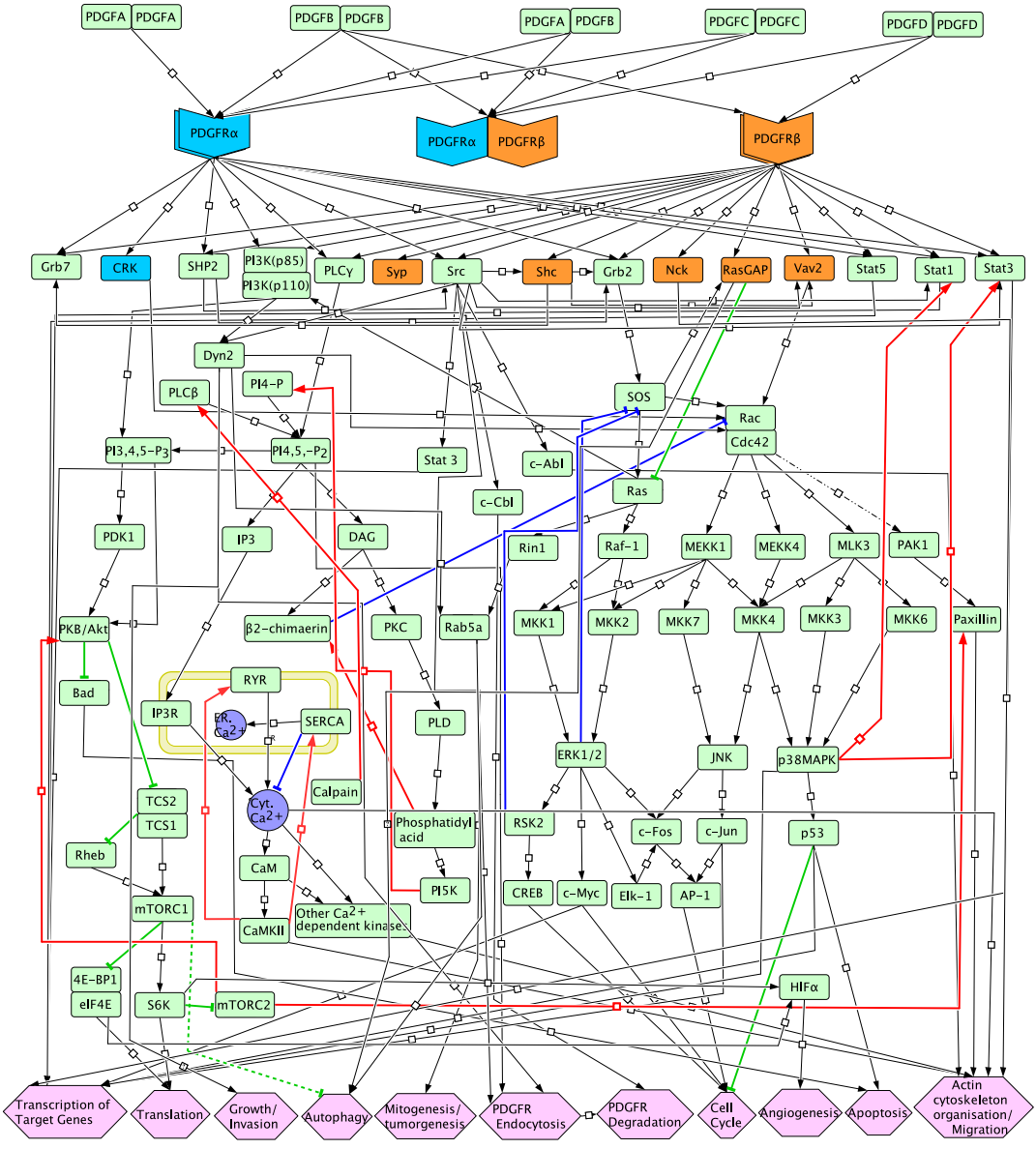
PDGFA
PDGFA
PDGFB
PDGFB
PDGFA
PDGFB
PDGFC
PDGFC
PDGFD
PDGFD
PDGFRα
PDGFRα
PDGFRβ
PDGFRβ
Grb7
CRK
SHP2
PI3K(p85)
PI3K(p110)
PLCγ
Syp
Src
Shc
Grb2
Nck
RasGAP
Vav2
Stat5
Stat1
Stat3
Dyn2
PLCβ
PI4-P
SOS
Rac
Cdc42
PI3,4,5-P3
PI4,5,-P2
Stat 3
c-Abl
c-Cbl
Ras
PDK1
IP3
DAG
Rin1
Raf-1
MEKK1
MEKK4
MLK3
PAK1
PKB/Akt
β2-chimaerin
PKC
Rab5a
MKK1
MKK2
MKK7
MKK4
MKK3
MKK6
Paxillin
Bad
RYR
IP3R
ER, Ca2+
SERCA
PLD
ERK1/2
JNK
p38MAPK
TCS2
TCS1
Cyt. Ca2+
Calpain
Phosphatidyl acid
RSK2
c-Fos
c-Jun
p53
Rheb
CaM
PI5K
CREB
c-Myc
Elk-1
AP-1
mTORC1
CaMKII
Other Ca2+ dependent kinase
4E-BP1
eIF4E
S6K
mTORC2
HIFα
Transcription of Target Genes
Translation
Growth/ Invasion
Autophagy
Mitogenesis/ tumorgenesis
PDGFR Endocytosis
PDGFR Degradation
Cell Cycle
Angiogenesis
Apoptosis
Actin cytoskeleton organisation/ Migration