To RPE
Outer Segment Discs
PPP: Pentose Phosphate Pathway
FGF: Fibroblast Growth Factor
FA: Fatty Acid
ROS: Reactive Oxygen Species
OH
all-trans Retinol
Rhodopsin
Visual cycle
NADP
FA
[O]
ATP
all-trans Retinal
ROS
NADPH
ROS
FGF Signaling
FGF
FGFR
Lipid biosynthesis
ROS
PPP
Lipid precursors
Mitochondrial
TCA
PKM2
Glucose
Pyruvate
PFK2
LDHA
PPP
Glycolysis
Nucleotides
Lactate
Phototransduction
RNA biosynthesis