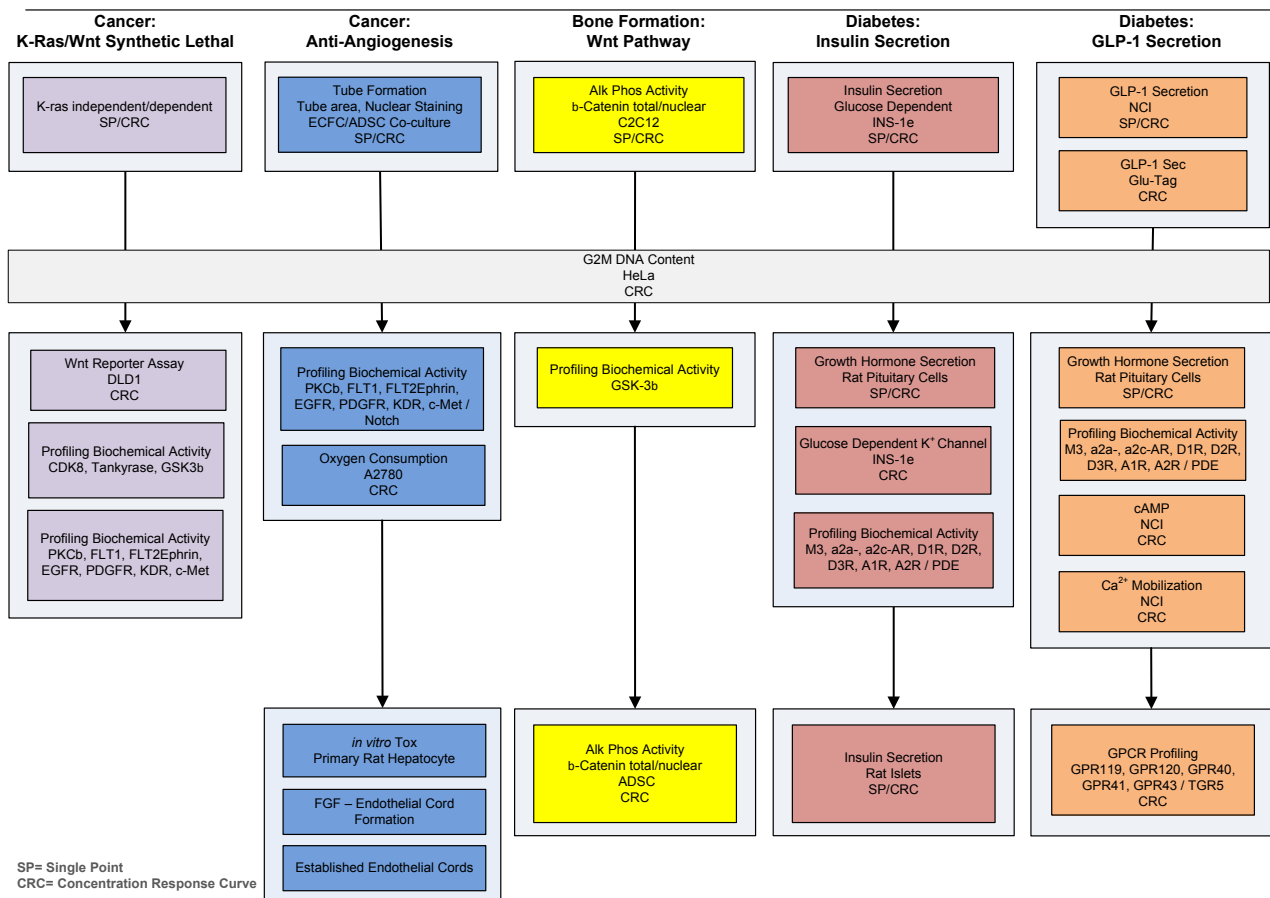


PD² Screening Panel



GLP – 1 Secretion

Primary Assays

GLP-1 Secretion NCI SP / CRC (% Efficacy) / (EC₅₀)

GLP-1 Secretion STC-1 CRC (EC₅₀)

GLP-1 Secretion Glu-Tag CRC (EC₅₀)

Secondary assays

Growth Hormone Secretion SP / CRC (% Efficacy / EC₅₀)

Profiling Biochemical Activity (K_i, % Efficacy)

PDE Profiling (IC₅₀)

cAMP NCI (EC₅₀)

Ca Mobiln NCI (EC₅₀)

Confirmatory Assays

GPCR Profiling (EC₅₀)

Anti-Angiogenesis Assay Module

Primary Assays

Tube Area SP / CRC (% Efficacy / IC₅₀)

ADSC Cytotoxicity CRC (IC₅₀)

Secondary Assays

Profiling Biochemical Activity - PKCb, FLT1, FLT2Ephrin, EGFR, PDGFR, KDR,

c-Met (% Efficacy)

Notch (IC₅₀)

Oxygen Consumption A2780 CRC

Confirmatory Assays

Cytotoxicity Primary Rat Hepatocyte (IC₅₀)

FGF-Endothelial Cord Formation (IC₅₀)

Established Endothelial Cords (IC₅₀)

Insulin Secretion Assay module

Primary assays

Insulin Secretion at 5 mM Glucose SP / CRC (% Efficacy / EC₅₀)

Insulin Secretion at 0.1 mM Glucose CRC (EC₅₀)

Secondary assays

Growth Hormone Secretion SP / CRC (% Efficacy / EC₅₀)

Glucose Dependent K⁺ Channel INS-1e CRC

Profiling Biochemical Activity

M3, a2a-, a2c-AR, D1R, D2R, D3R, A1R, A2R / PDE Profiling (IC₅₀)

Confirmatory assays

Rat Islets (EC₅₀, %Efficacy)

Wnt Pathway Assay Module

Primary Assays

Alkaline Phosphatase C2C12 cells CRC (EC₅₀)

b-Catenin Levels C2C12 cells SP / CRC (% Efficacy / EC₅₀)

Secondary assays

Profiling Biochemical Activity - PKCb, FLT1, FLT2Ephrin, EGFR, PDGFR, KDR

c-Met (% Efficacy)

Confirmatory assays

b-Catenin Levels hADSC cells CRC (EC₅₀)

Alkaline Phosphatase hADSC cells CRC (EC₅₀)

K-ras Wnt Synthetic Lethal Assay Module

Primary Assays

K-ras independent/dependent SP / CRC (% Efficacy) / IC₅₀)

Secondary Assays

Wnt Reporter Assay DLD1 CRC (IC₅₀)

Profiling Biochemical Activity - CDK8, Tankyrase, GSK3b (IC₅₀)

Profiling Biochemical Activity - PKCb, FLT1, FLT2Ephrin, EGFR, PDGFR, KDR, c-Met (% Efficacy)

G2/M Counterscreen

DNA Content HeLa cells (IC₅₀)