BIOLOGICAL PATHWAY DIAGRAMS

Provided by Aviva System Biology: An Antibody Manufacturer

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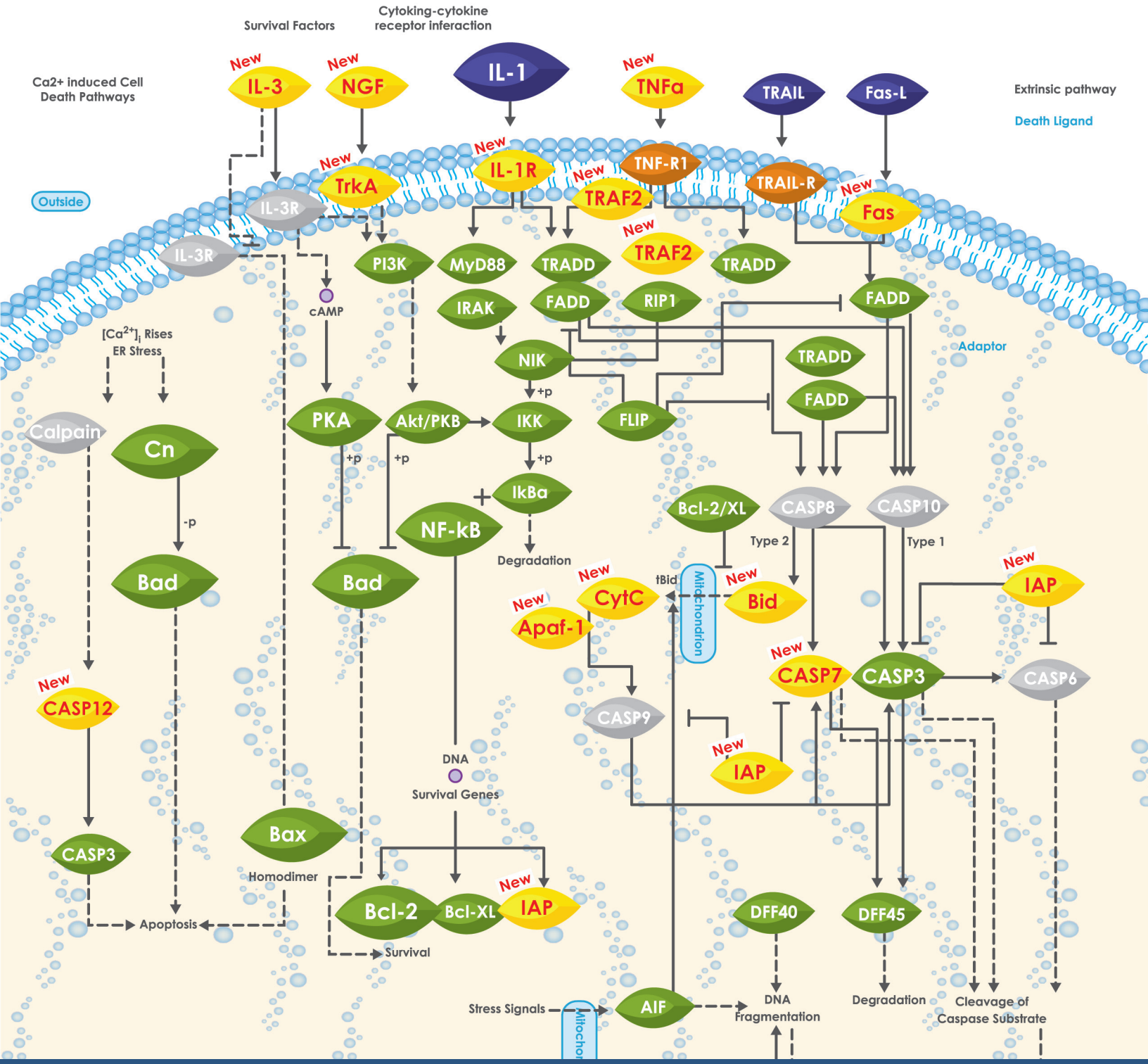

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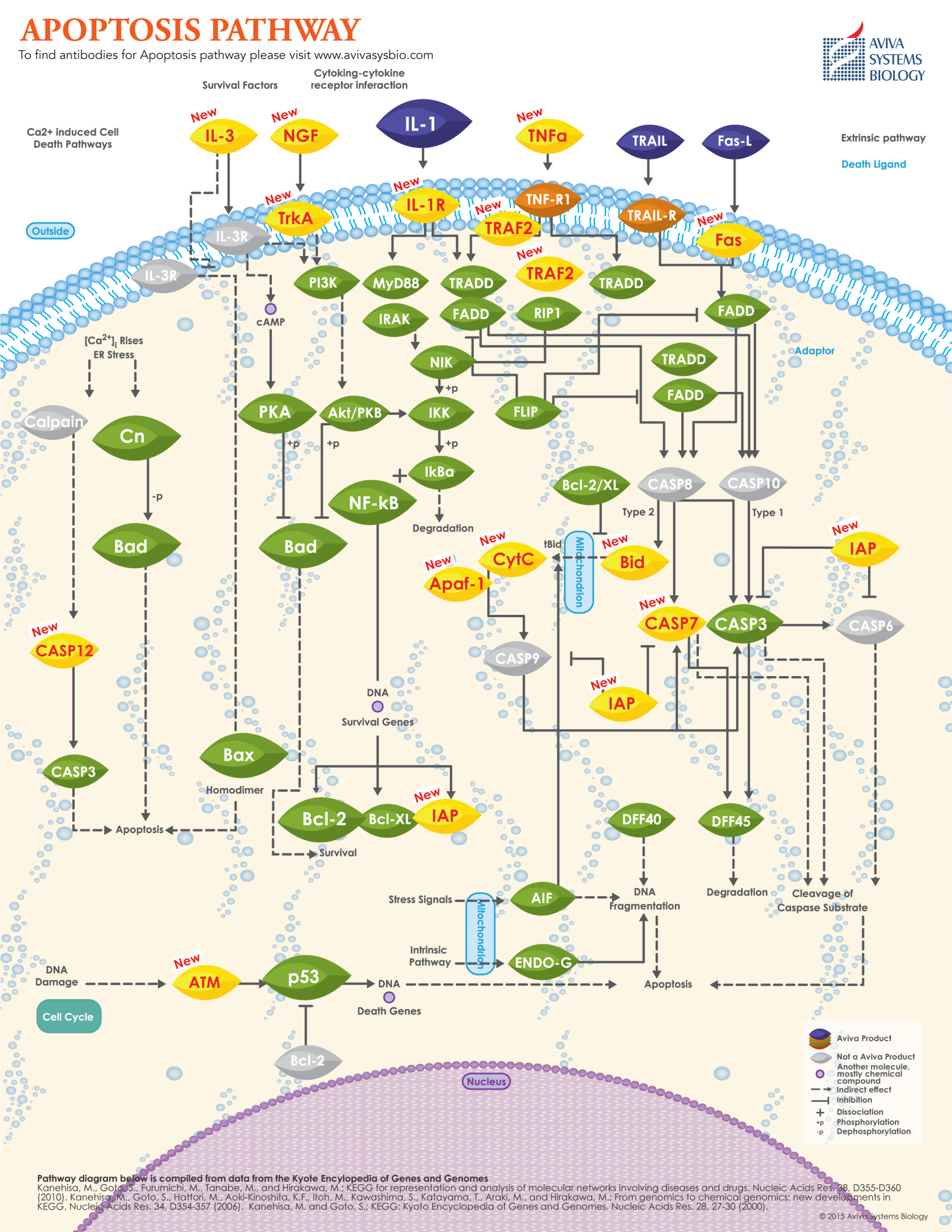
APOPTOSIS PATHWAY

To find antibodies for Apoptosis pathway please visit www.avivasysbio.com



Pathway diagram below is compiled from data from the Kyote Encylopedia of Genes and Genomes

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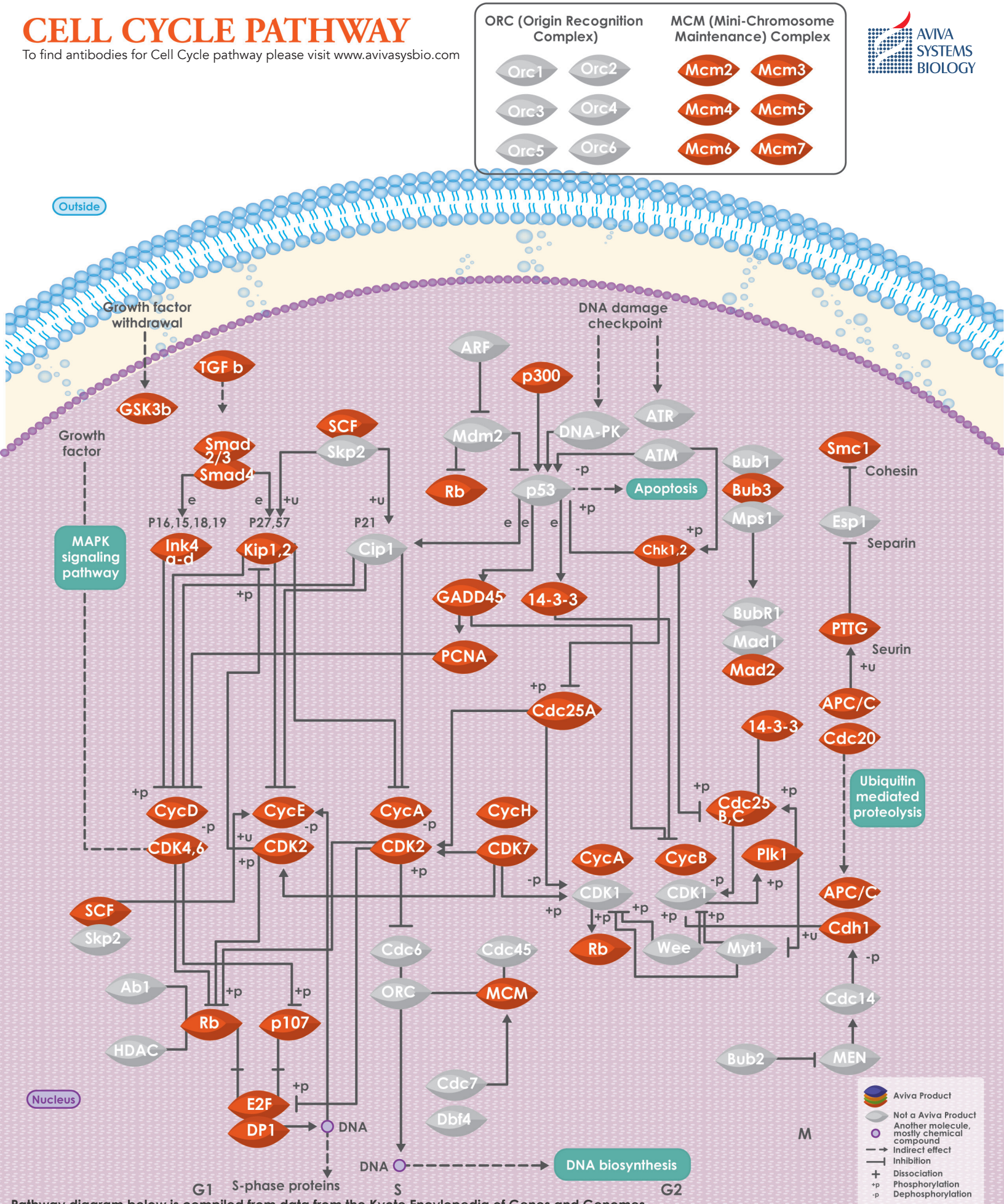
CELL CYCLE PATHWAY

To find antibodies for Cell Cycle pathway please visit www.avivasysbio.com



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JAK-STAT SIGNALING PATHWAY

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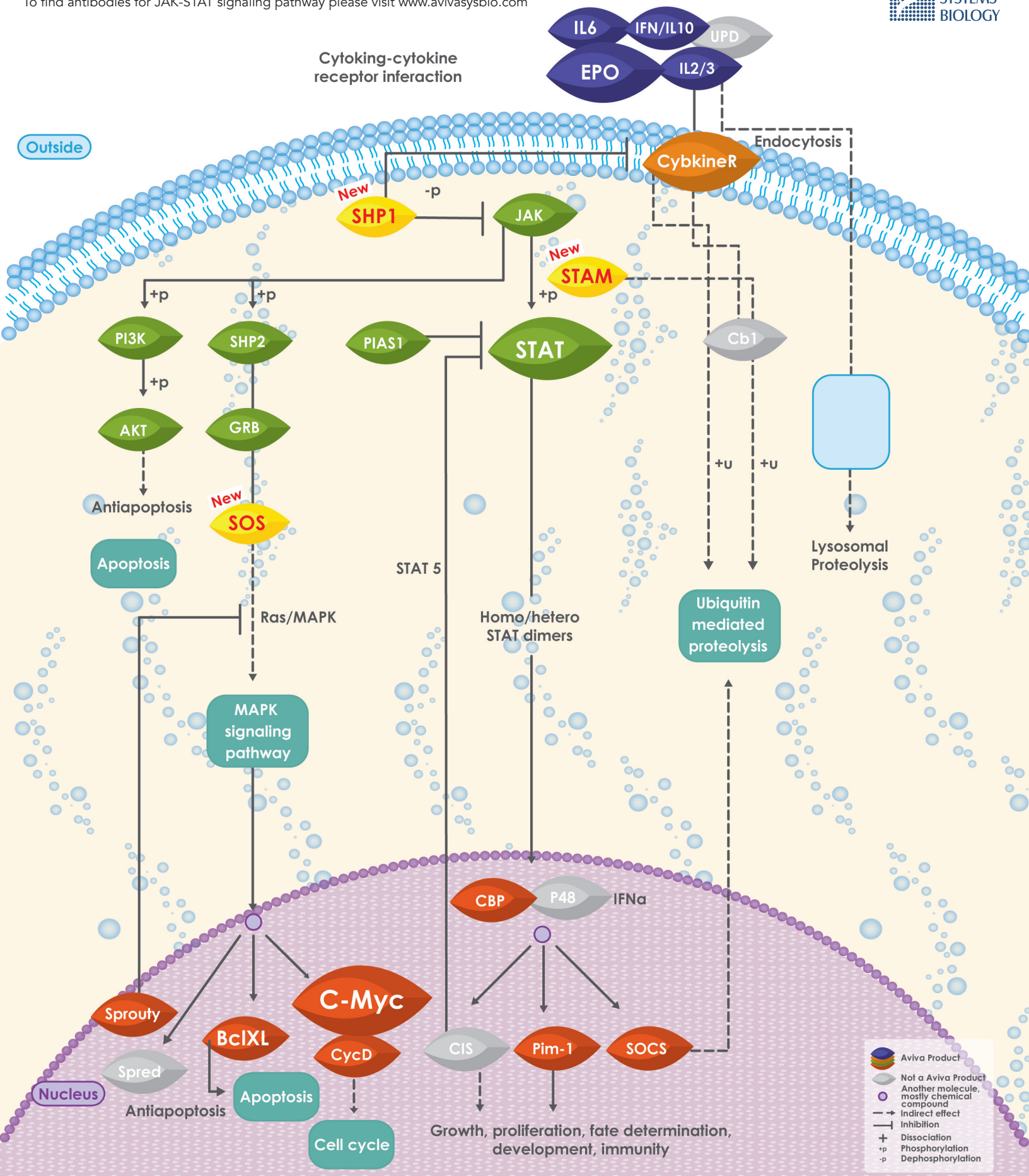

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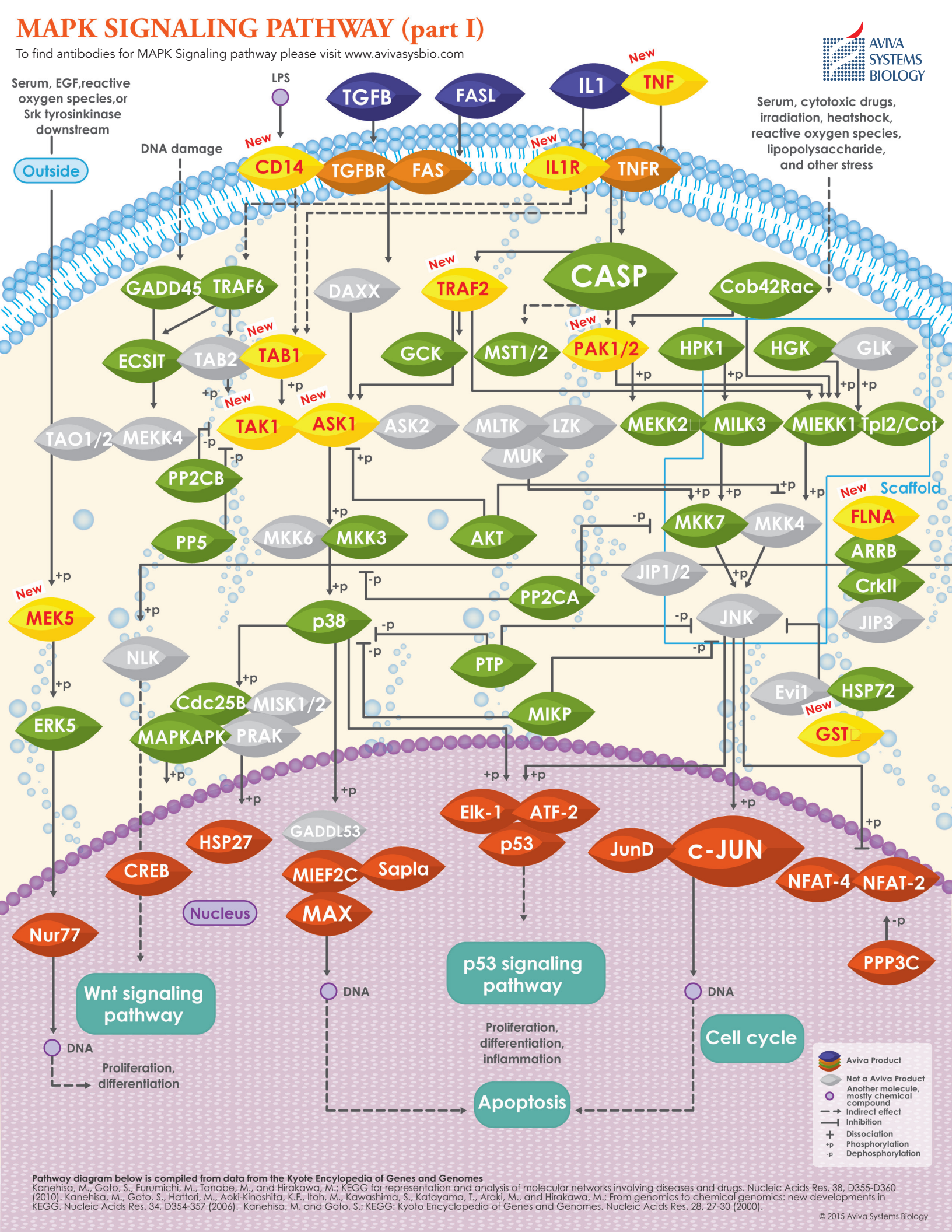
MAPK SIGNALING PATHWAY (part I)

To find antibodies for MAPK Signaling pathway please visit www.avivasysbio.com



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MAPK SIGNALING PATHWAY(part II)

To find antibodies for MAPK Signaling pathway please visit www.avivasysbio.com

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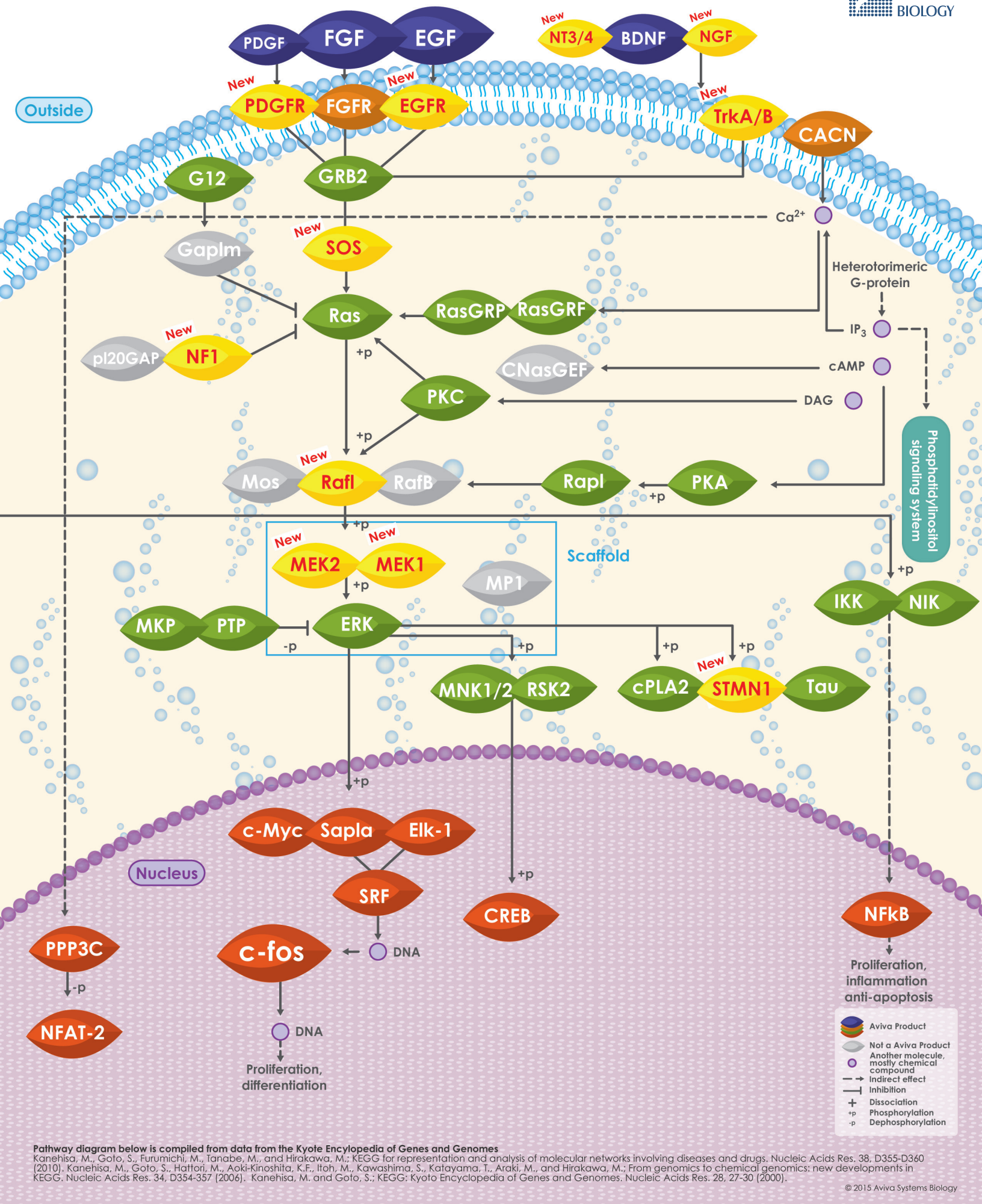

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mTOR SIGNALING PATHWAY

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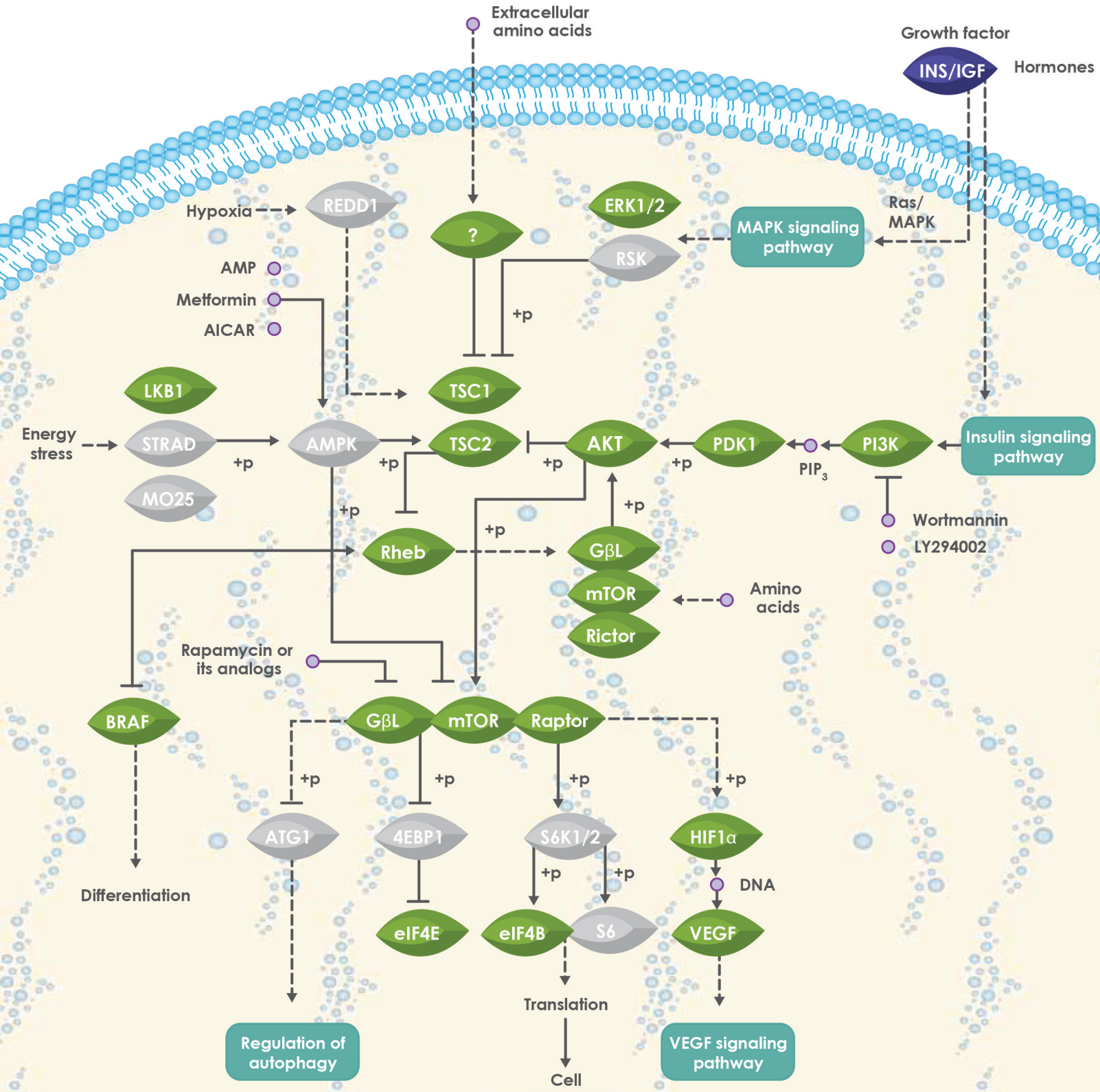

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WNT SIGNALING PATHWAY

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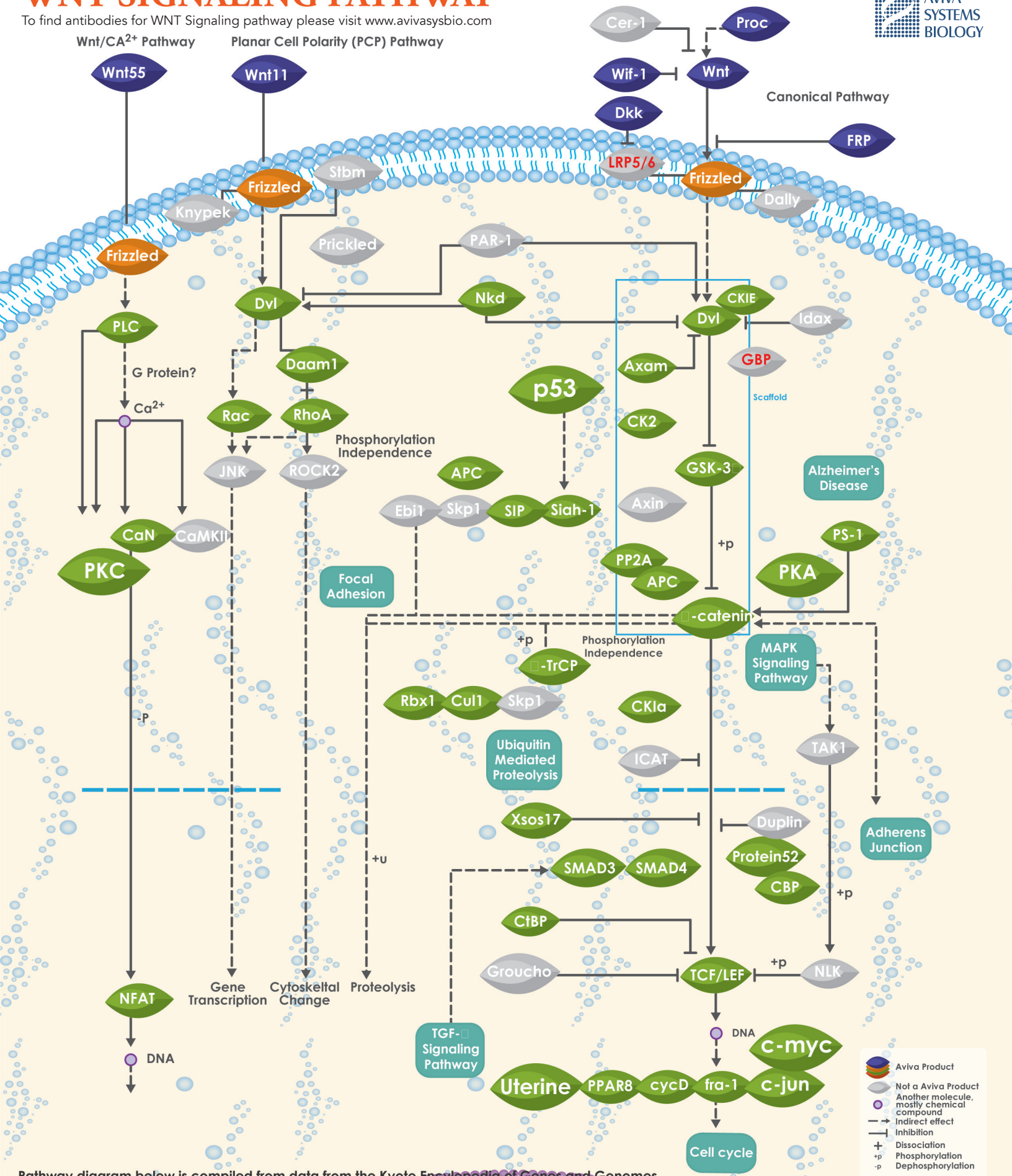

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PATHWAYS IN CANCER

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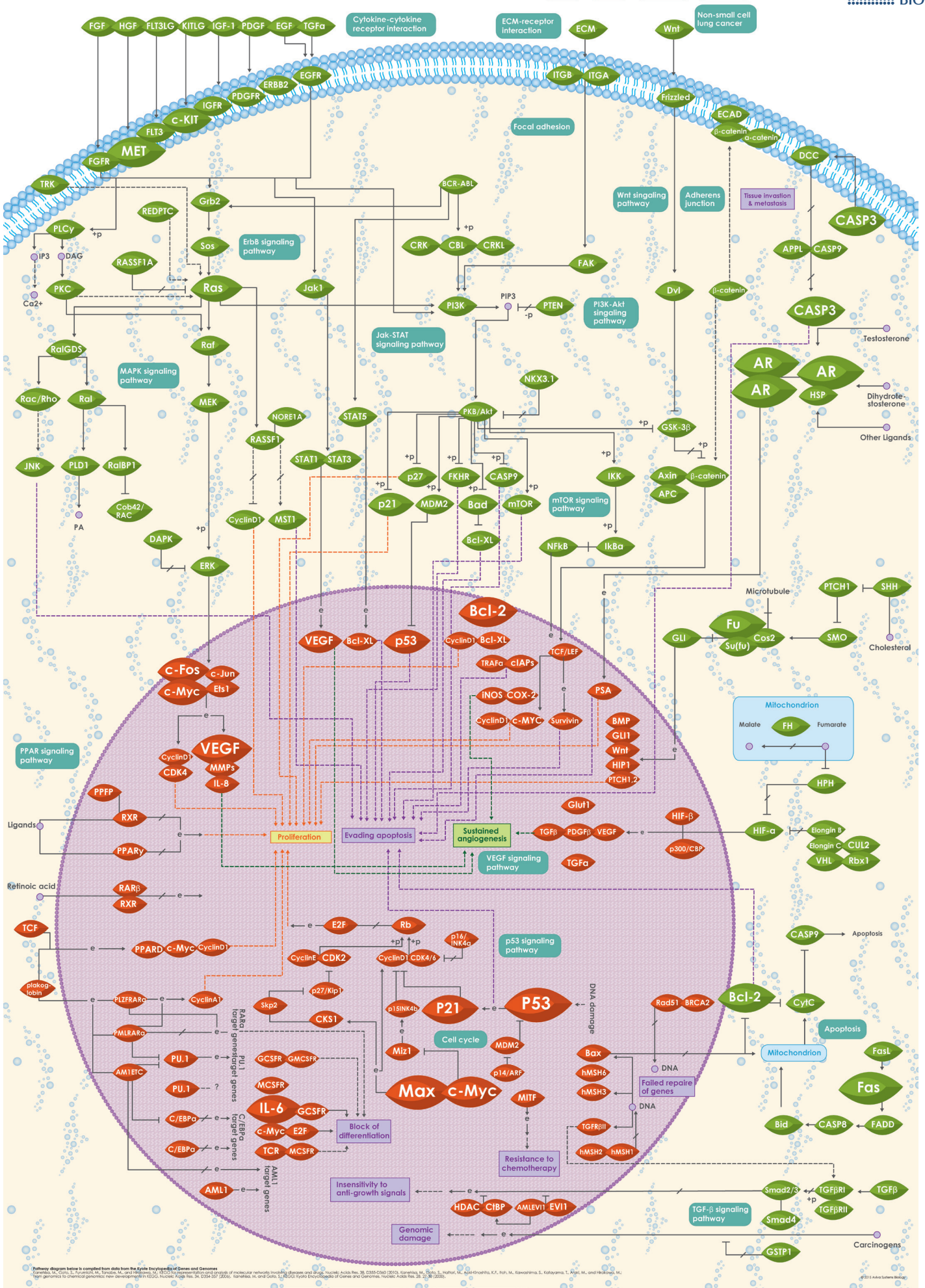
Colorectal cancer | Pancreatic cancer | Glioma | Thyroid cancer | Acute myeloid leukemia | Chronic myeloid leukemia | Basal cell carcinoma | Melanoma | Renal cell carcinoma | Bladder cancer | Prostate cancer | Endometrial cancer | Small cell lung cancer | Non-small cell lung cancer



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ACUTE MYELOID LEUKEMIA PATHWAY

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Hematopoietic cell lineage

Hematopoietic progenitors

Acute myeloblastic leukemia with minimal differentiation (M0)

Acute myeloblastic leukemia without maturation (M1)

Acute myeloblastic leukemia with maturation (M2)

Acute promyelocytic leukemia (M3)

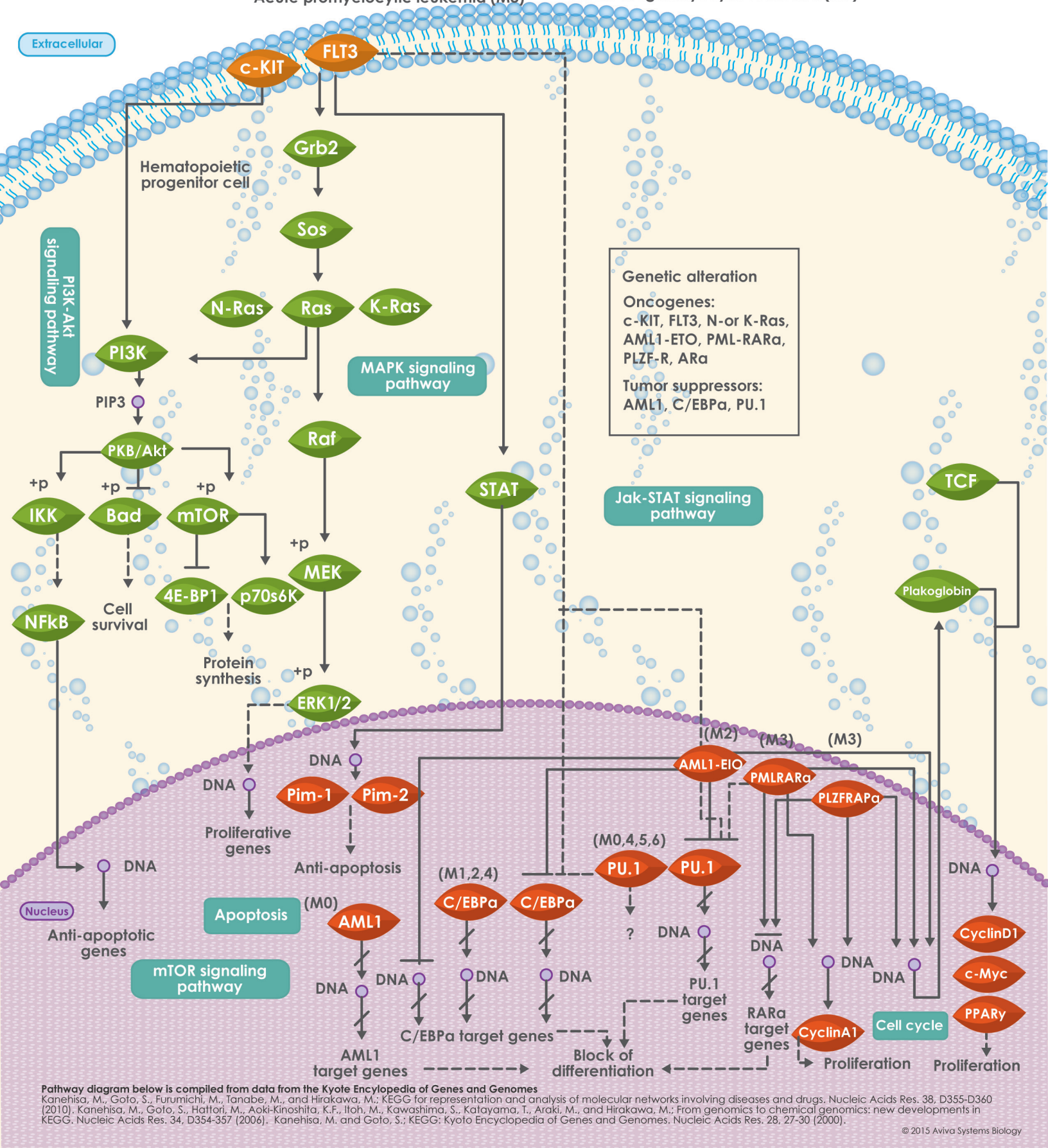
Acute myelomonocytic leukemia (M4)

Acute myelomonocytic leukemia with abnormal eosinophils (M4Eo)

Acute monocytic leukemia (M5)

Erythroleukemia (M6)

Acute megakaryocytic leukemia (M7)



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CHRONIC MYELOID LEUKEMIA PATHWAY

To find antibodies for Chronic Myeloid Leukemia pathway please visit www.avivasysbio.com

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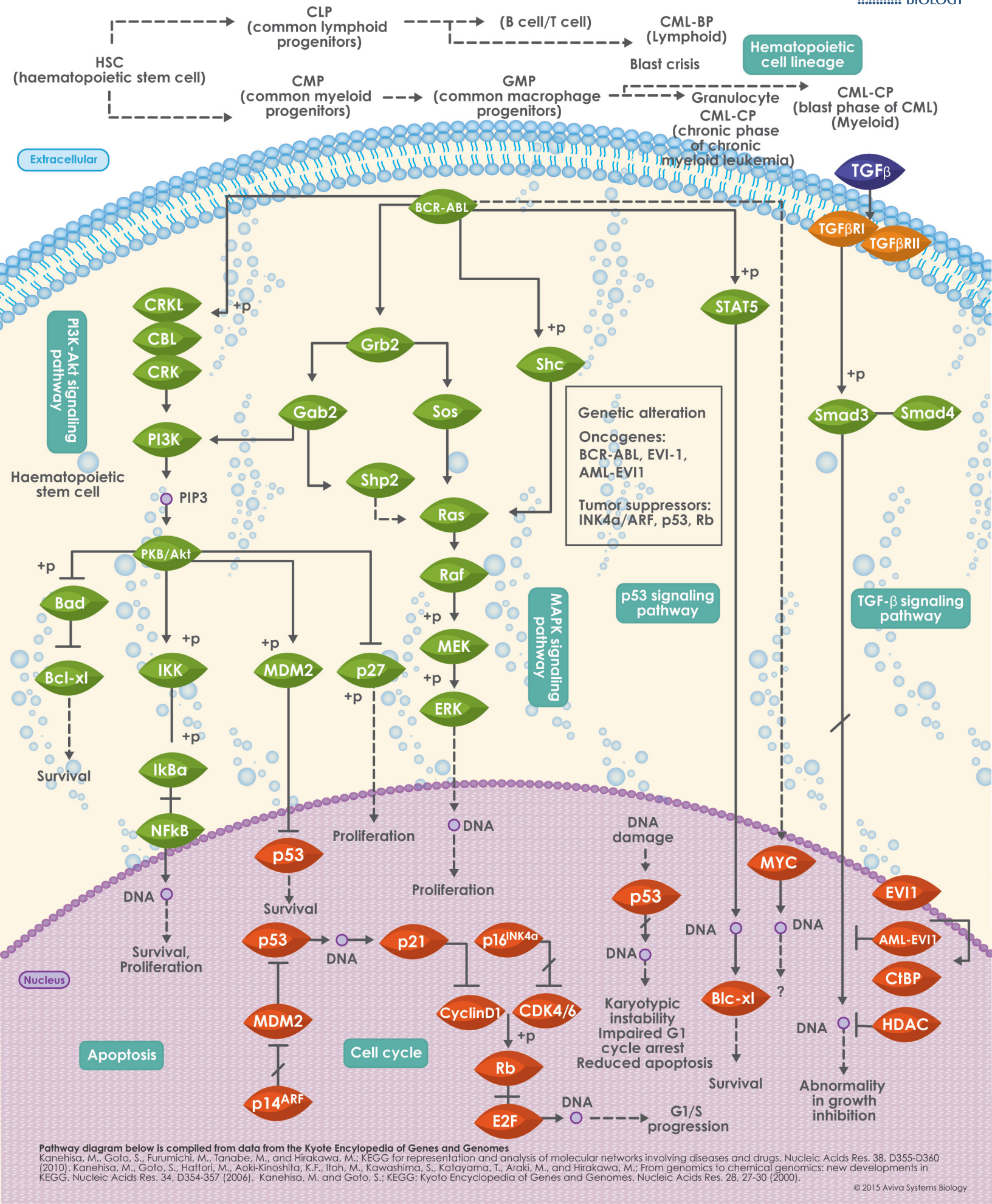

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COLORECTAL CANCER PATHWAY

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Chromosome Unstable (CIN) pathway
Microsatelite Unstable (MSI) pathway

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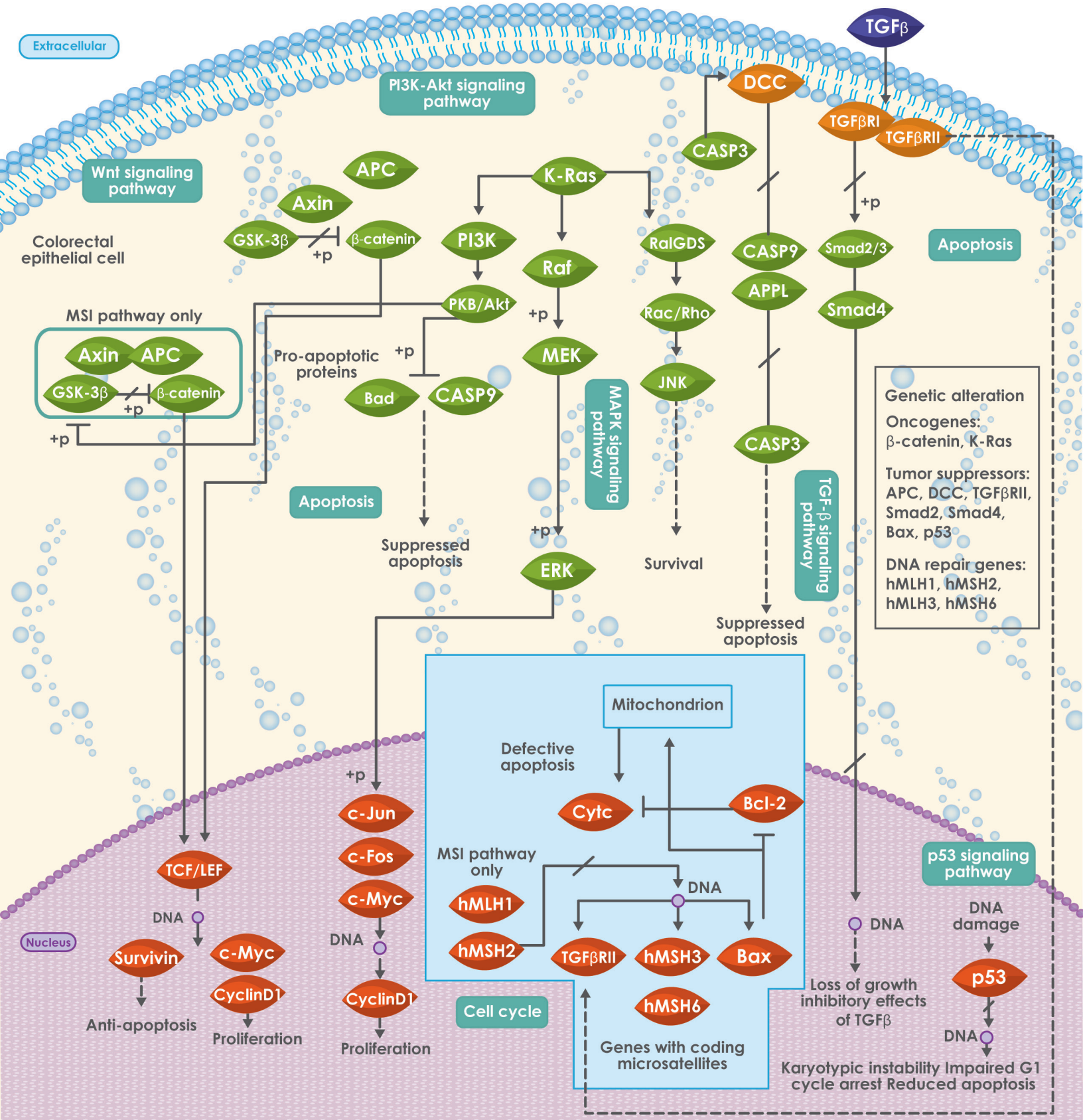
Normal epithelium → Dysplastic ACF → Early adenoma → Intermediate adenoma → Late adenoma → Carcinoma



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MELANOMA PATHWAY

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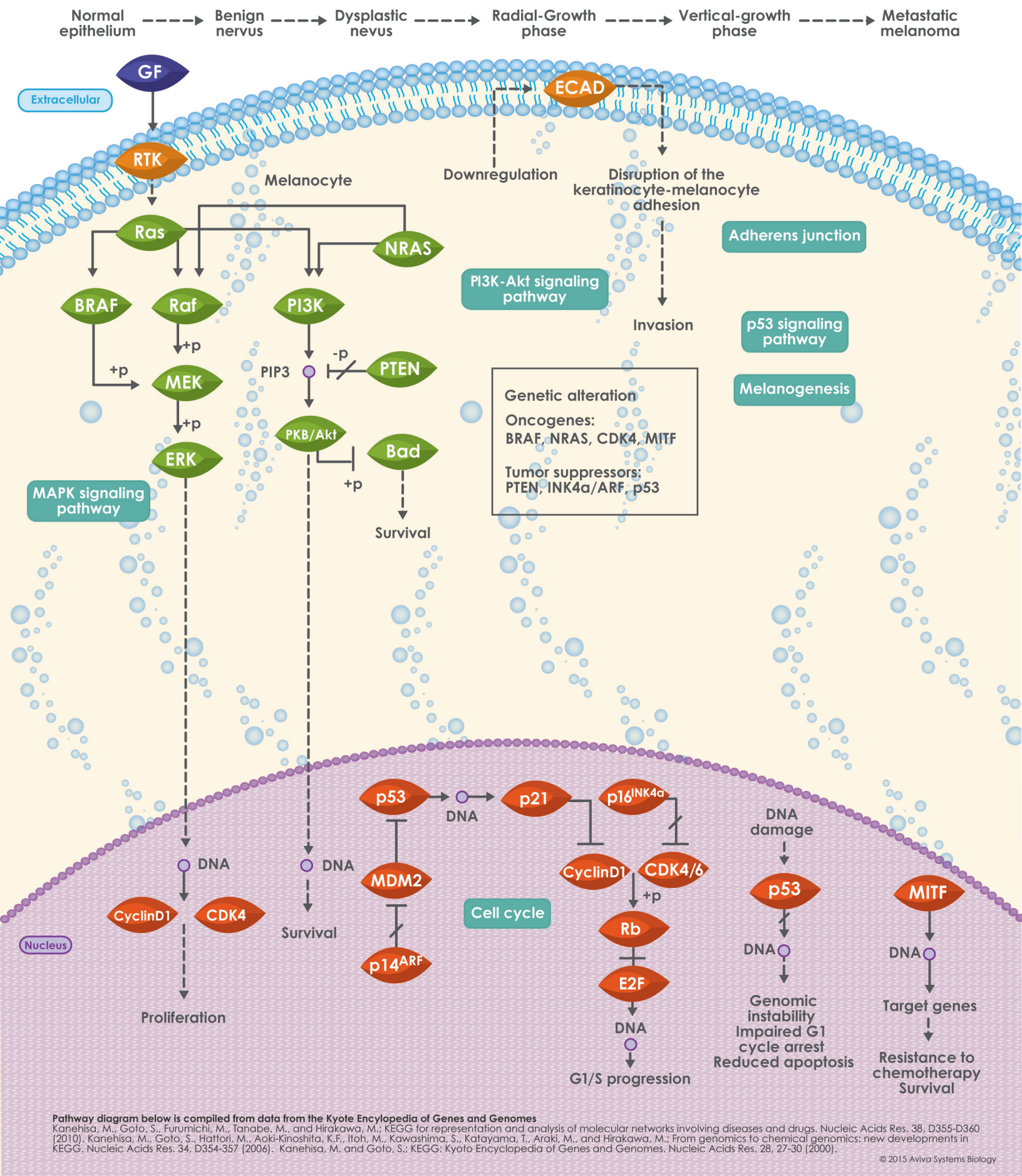

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PROSTATE CANCER PATHWAY

To find antibodies for Prostate Cancer pathway please visit www.avivasysbio.com

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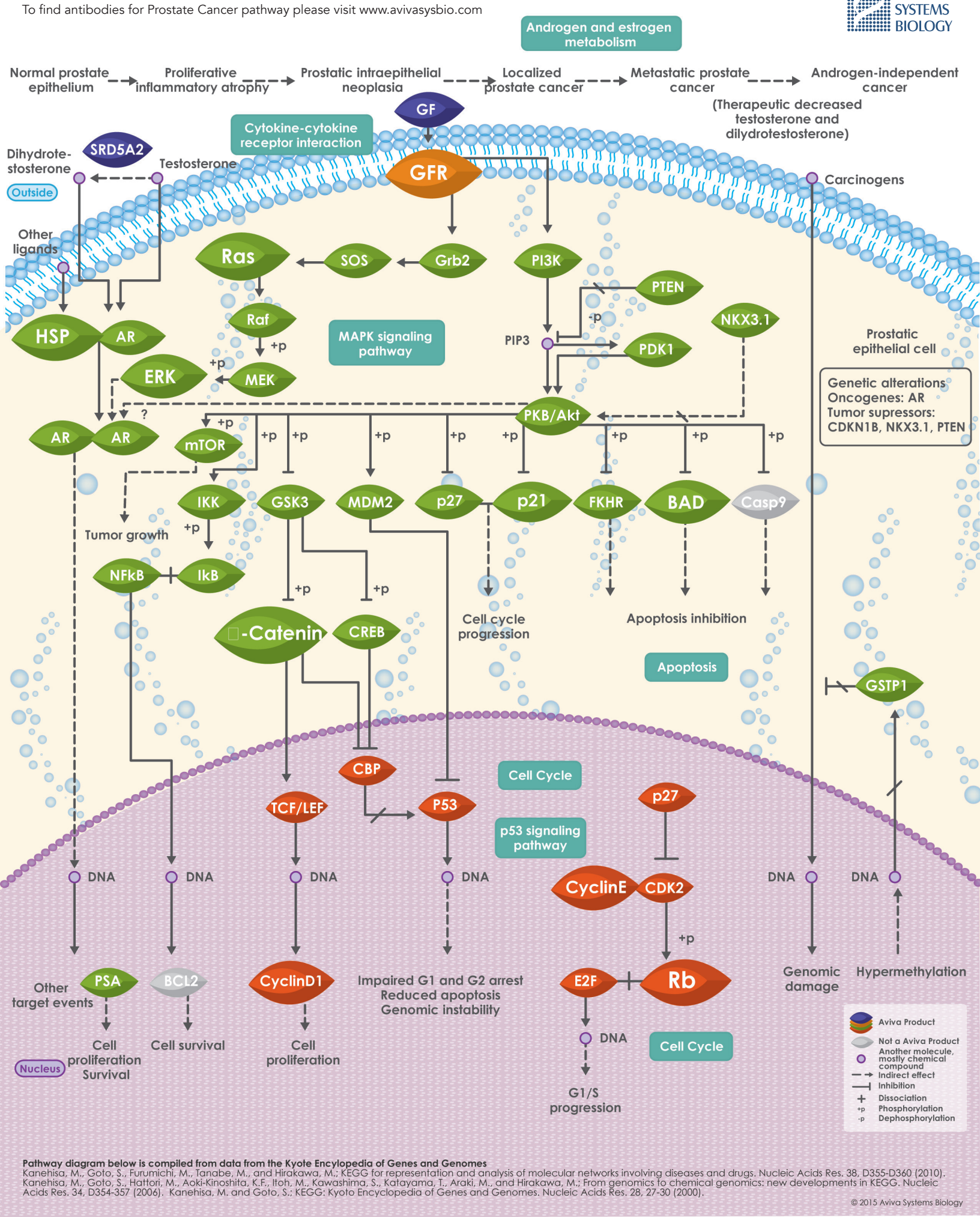

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NON-SMALL CELL LUNG CANCER PATHWAY

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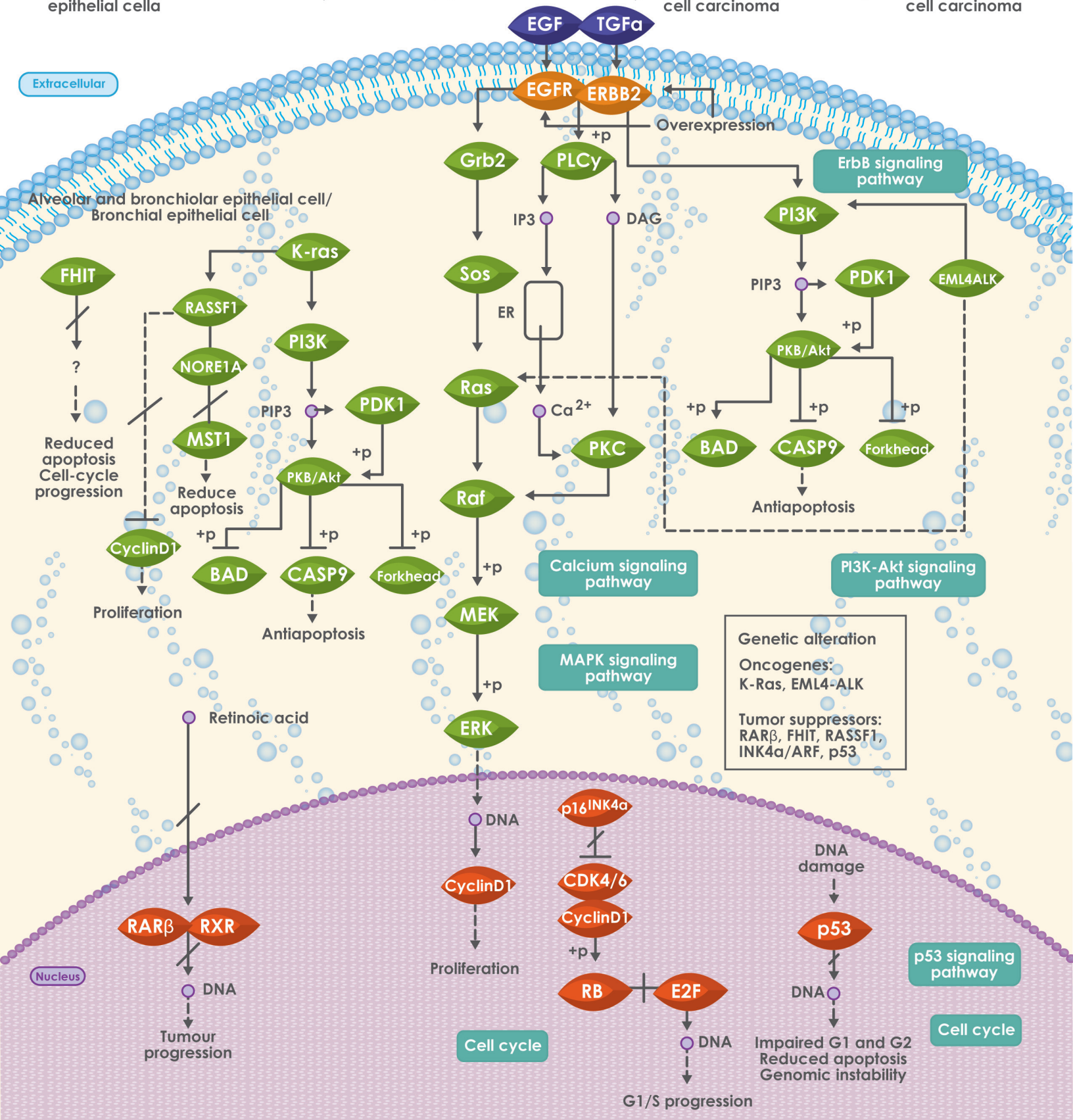
Alveolar and bronchiolar epithelial cells → Atypical adenomatous hyperplasia → Primary adenocarinoma → Metastatic adenocarcinoma

Brocnchial epithelial cella → Bronchial dysplasia → Primary squamous cell carcinoma → Metastatic squamous cell carcinoma



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SMALL CELL LUNG CANCER PATHWAY

To find antibodies for Small Cell Lung Cancer pathway please visit www.avivasysbio.com

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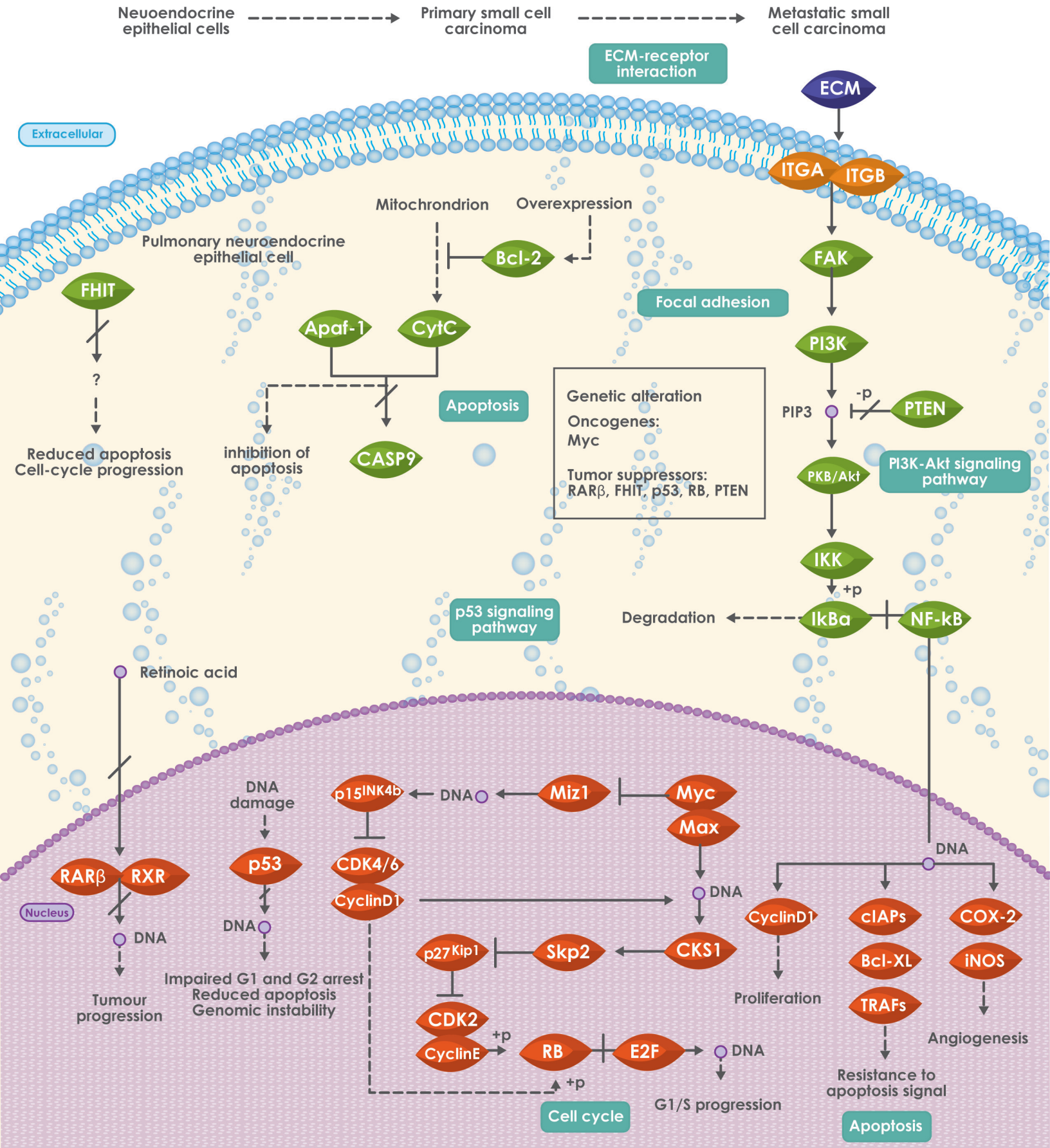

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