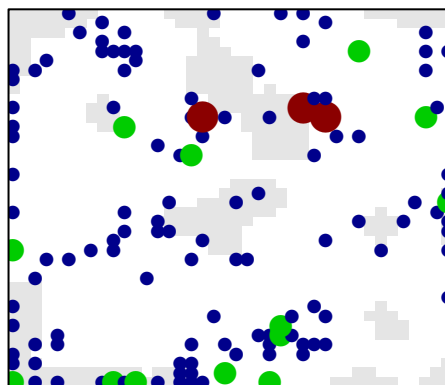
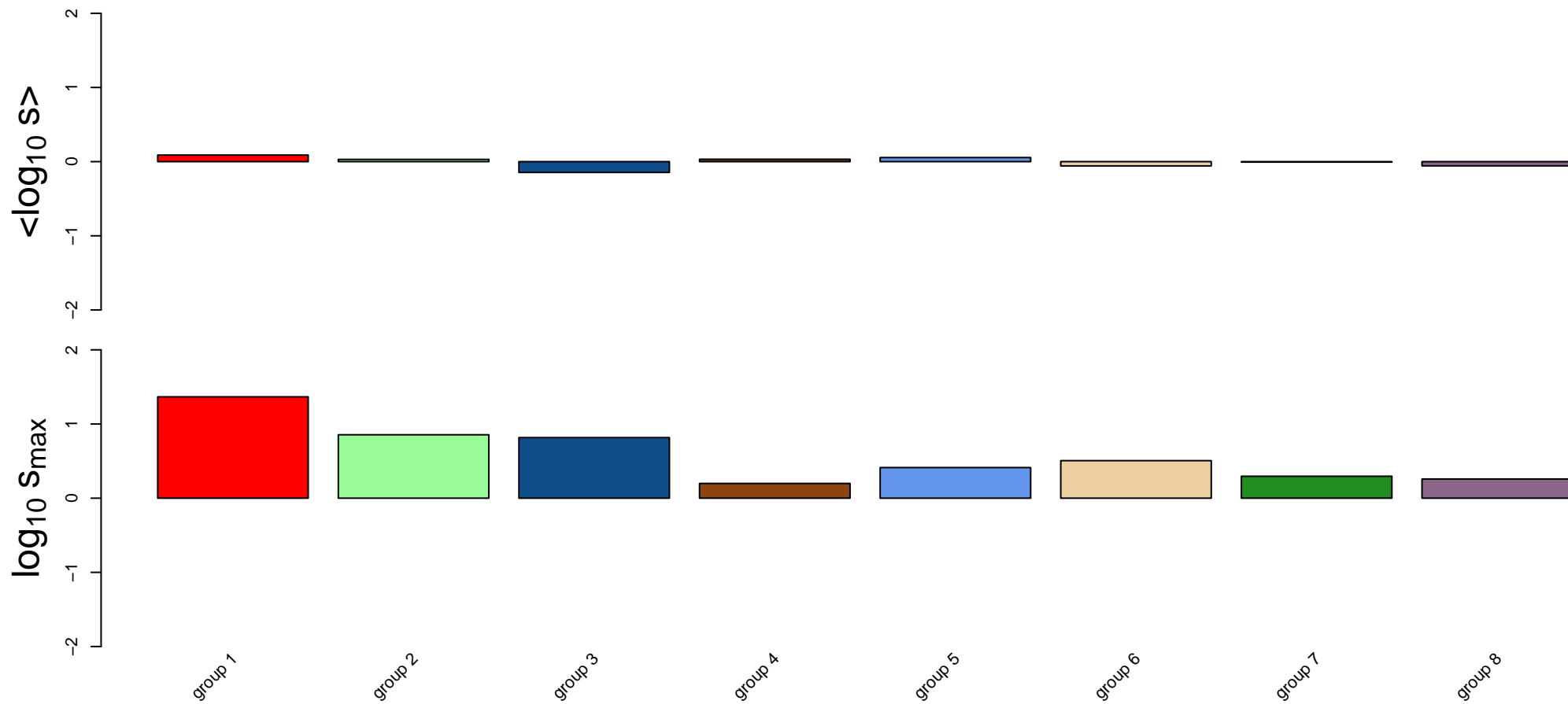
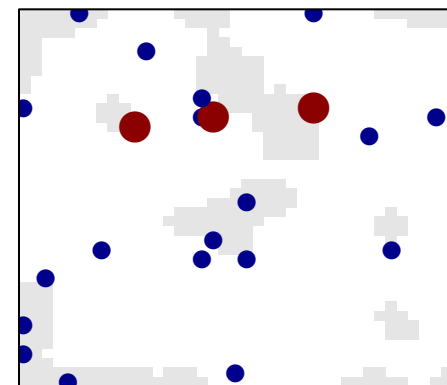


Endometrial cancer

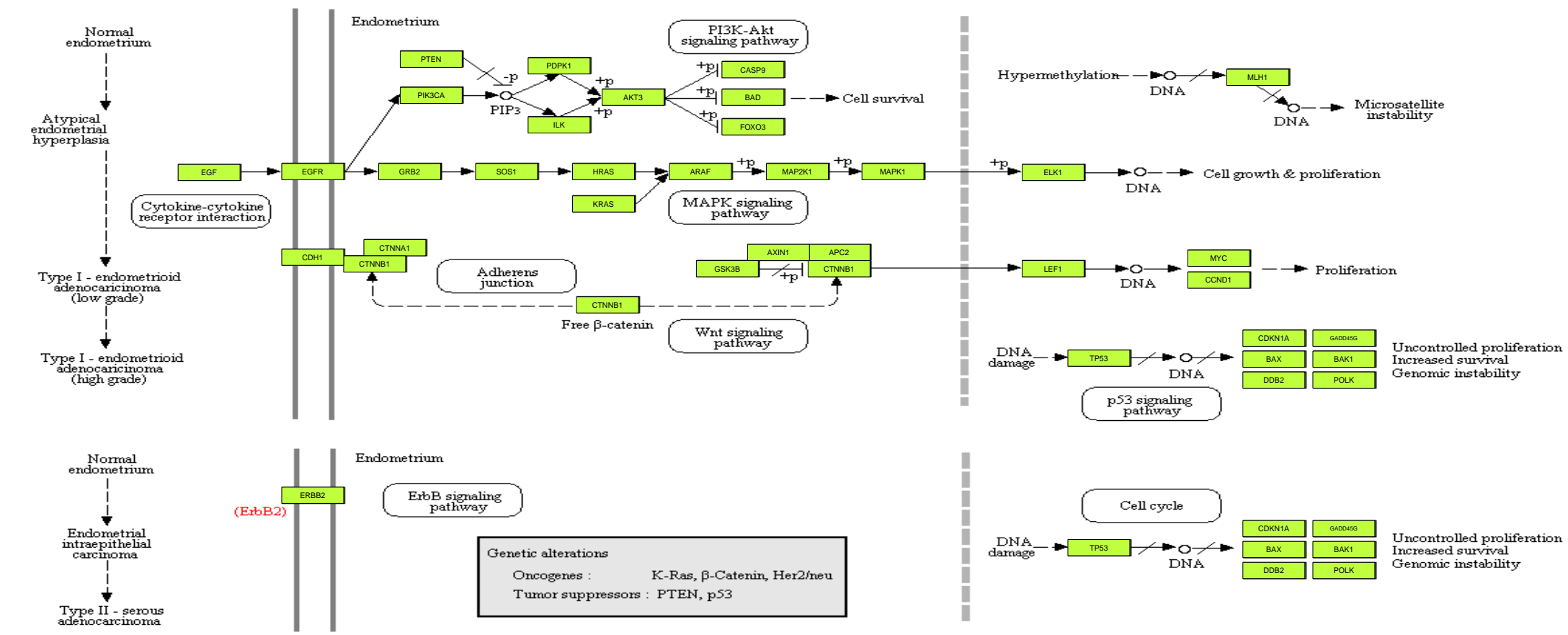
all genes



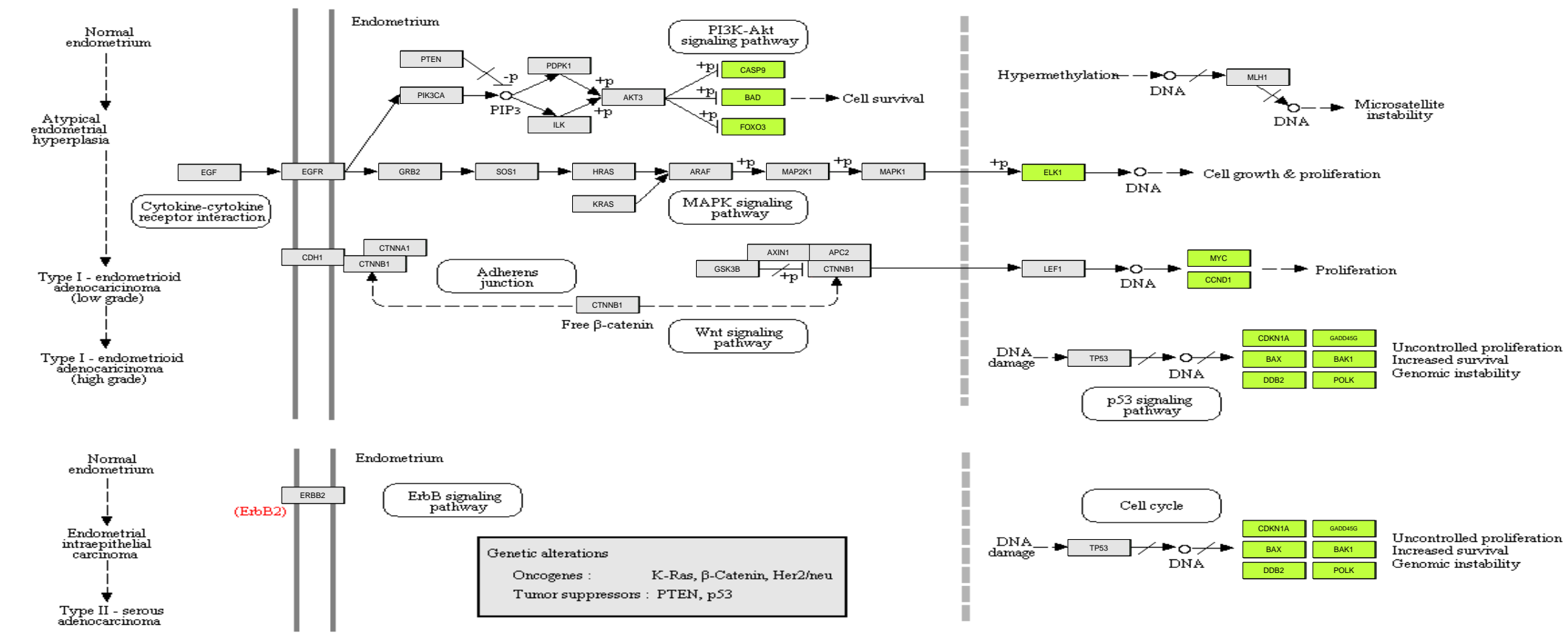
sink node genes



Endometrial_cancer genes with data



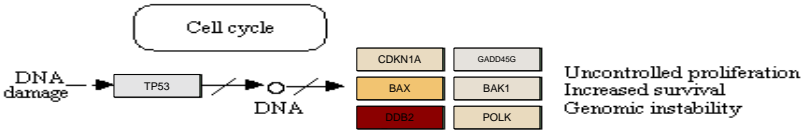
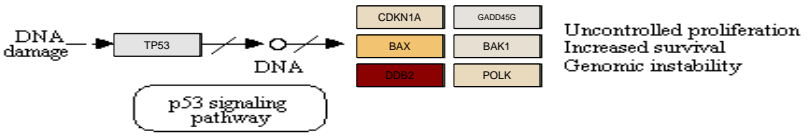
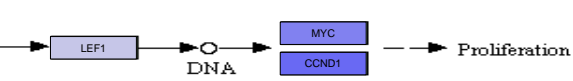
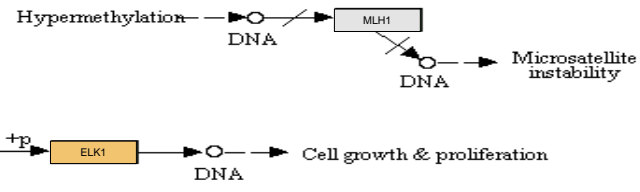
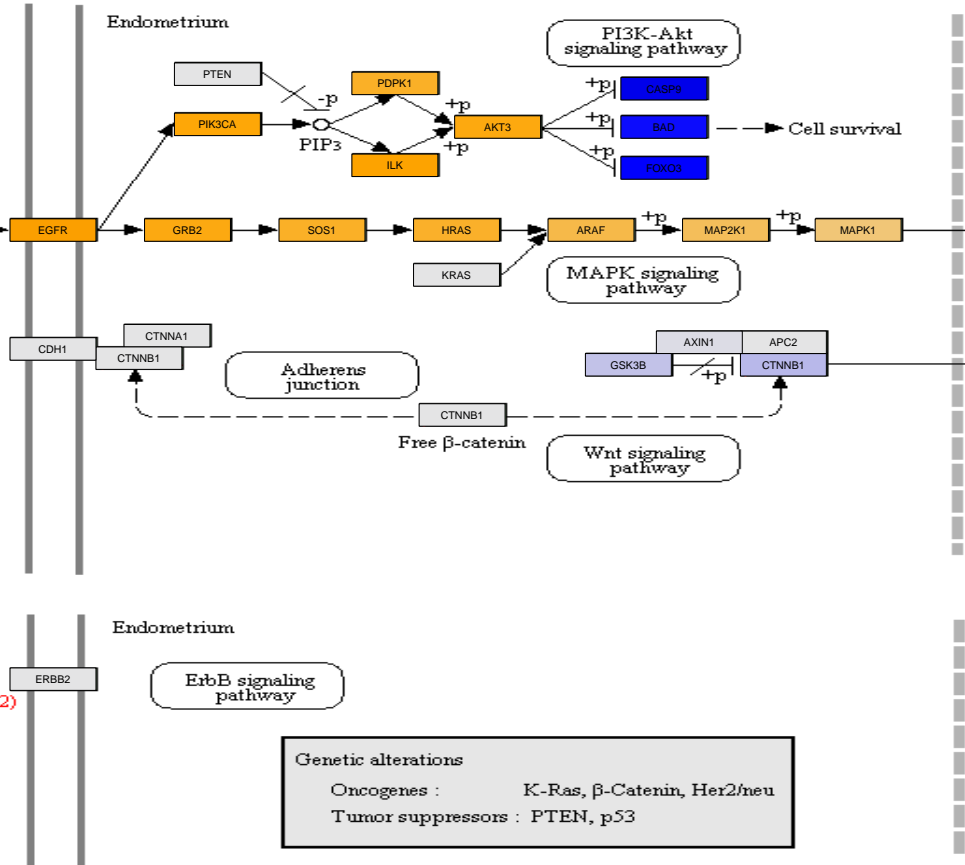
Endometrial_cancer sink nodes



05213 7/25/17
(c) Kanehisa Laboratories

Endometrial_cancer group 1

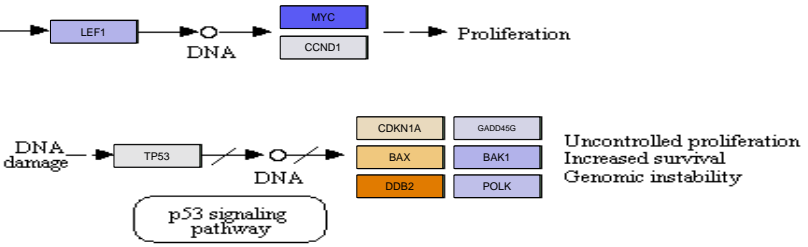
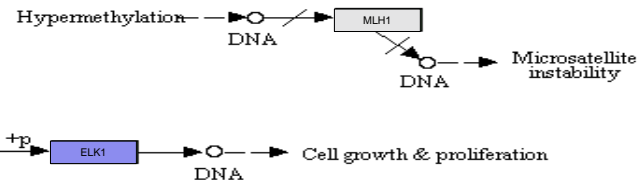
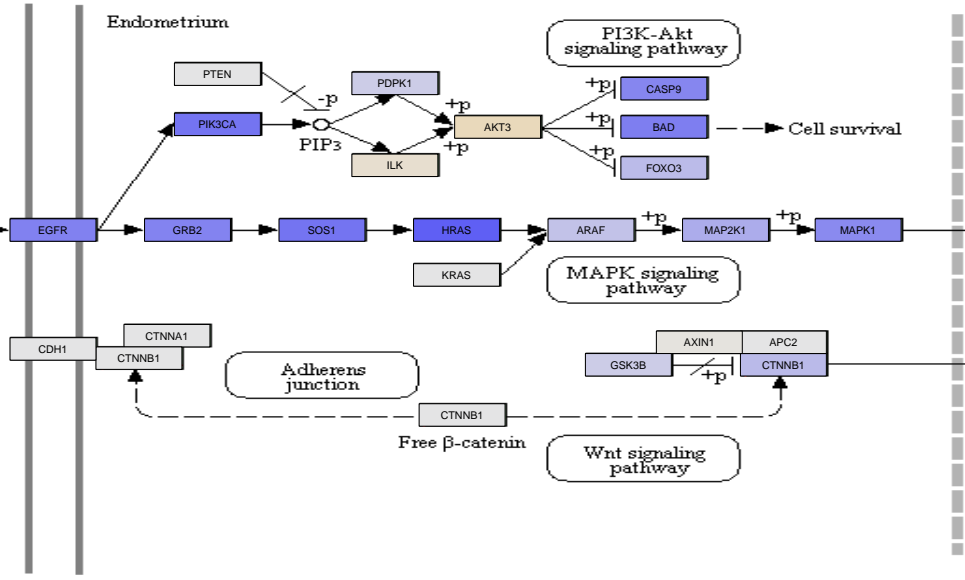
Normal endometrium
 ↓
 Atypical endometrial hyperplasia
 ↓
 Type I - endometrioid adenocarcinoma (low grade)
 ↓
 Type I - endometrioid adenocarcinoma (high grade)



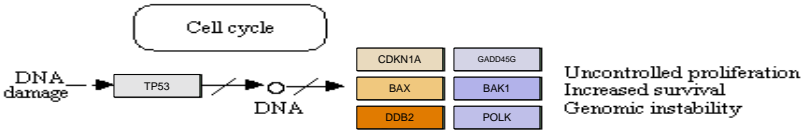
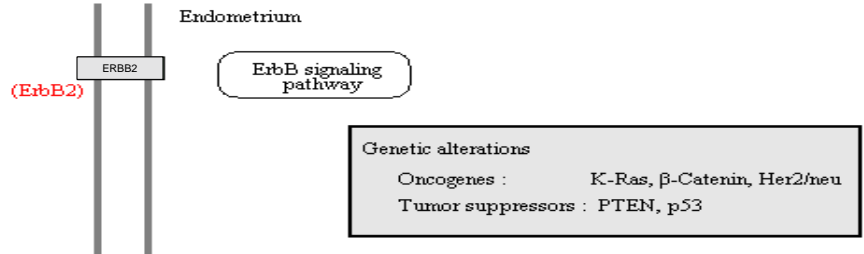
Genetic alterations
 Oncogenes : K-Ras, β-Catenin, Her2/neu
 Tumor suppressors : PTEN, p53

Endometrial_cancer group 2

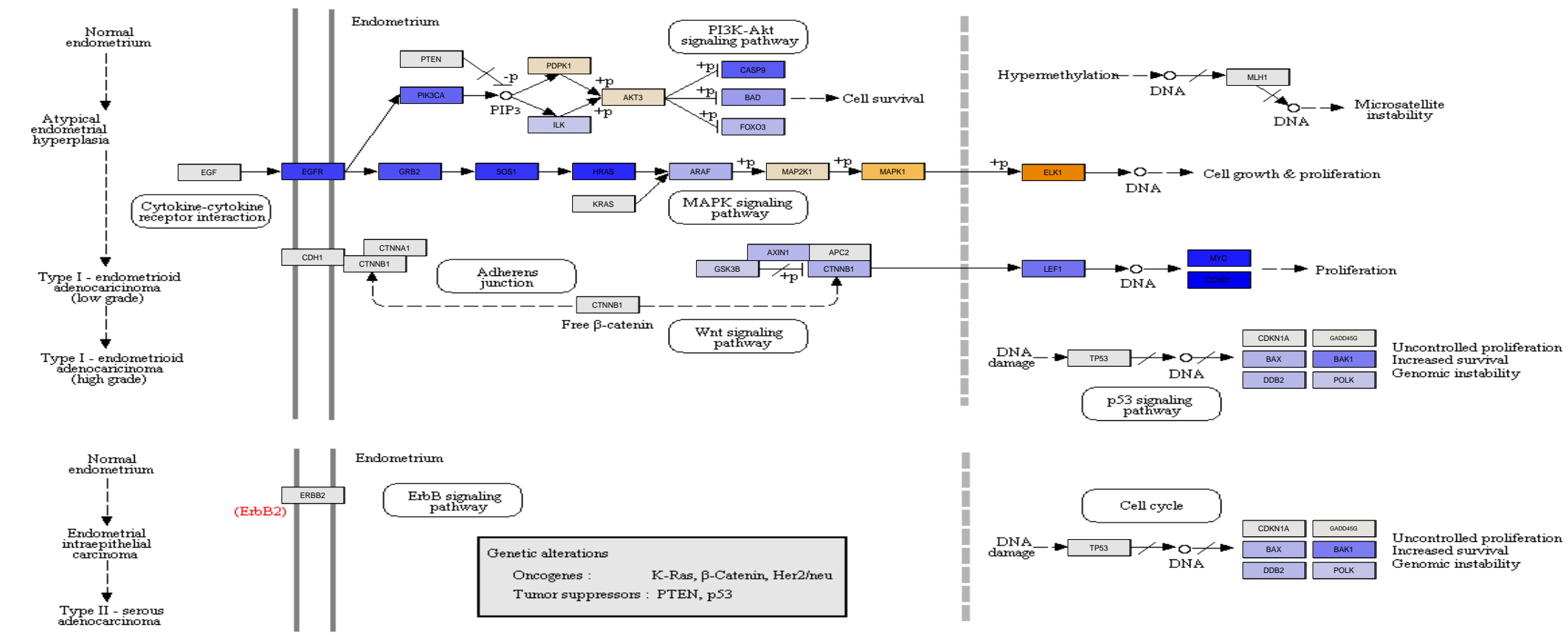
Normal endometrium
 ↓
 Atypical endometrial hyperplasia
 ↓
 Type I - endometrioid adenocarcinoma (low grade)
 ↓
 Type I - endometrioid adenocarcinoma (high grade)



Normal endometrium
 ↓
 Endometrial intraepithelial carcinoma
 ↓
 Type II - serous adenocarcinoma

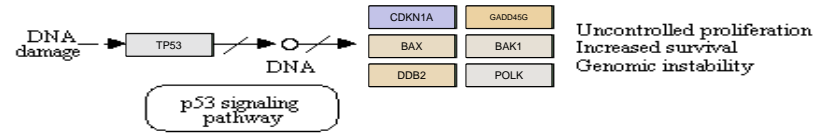
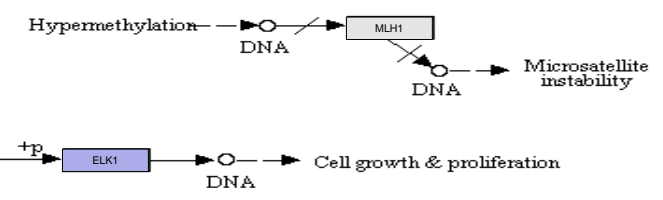
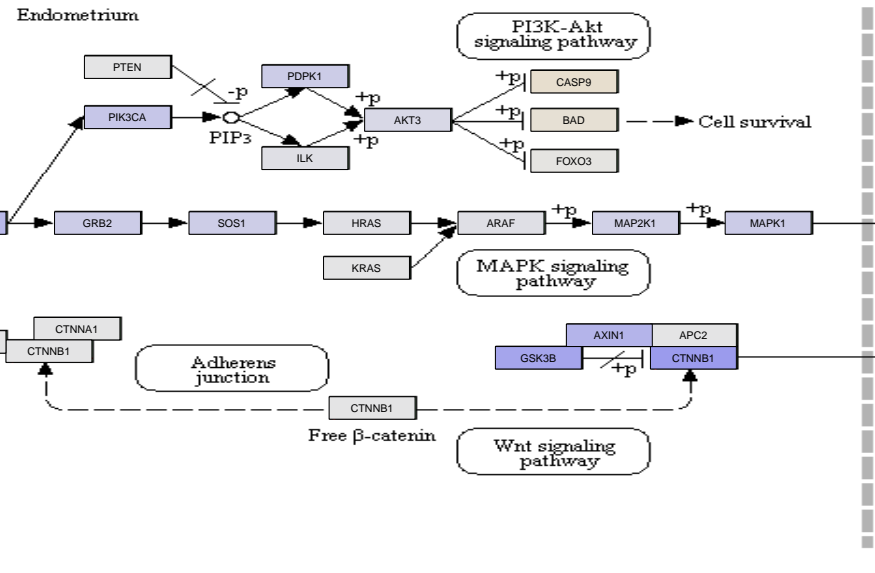


Endometrial_cancer group 3

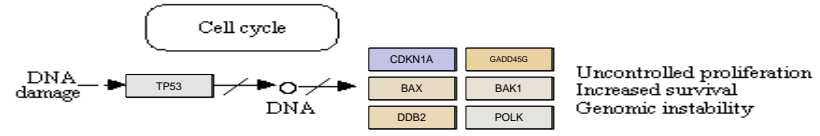
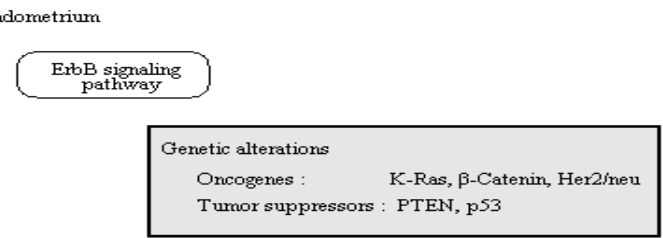
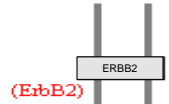


Endometrial_cancer group 4

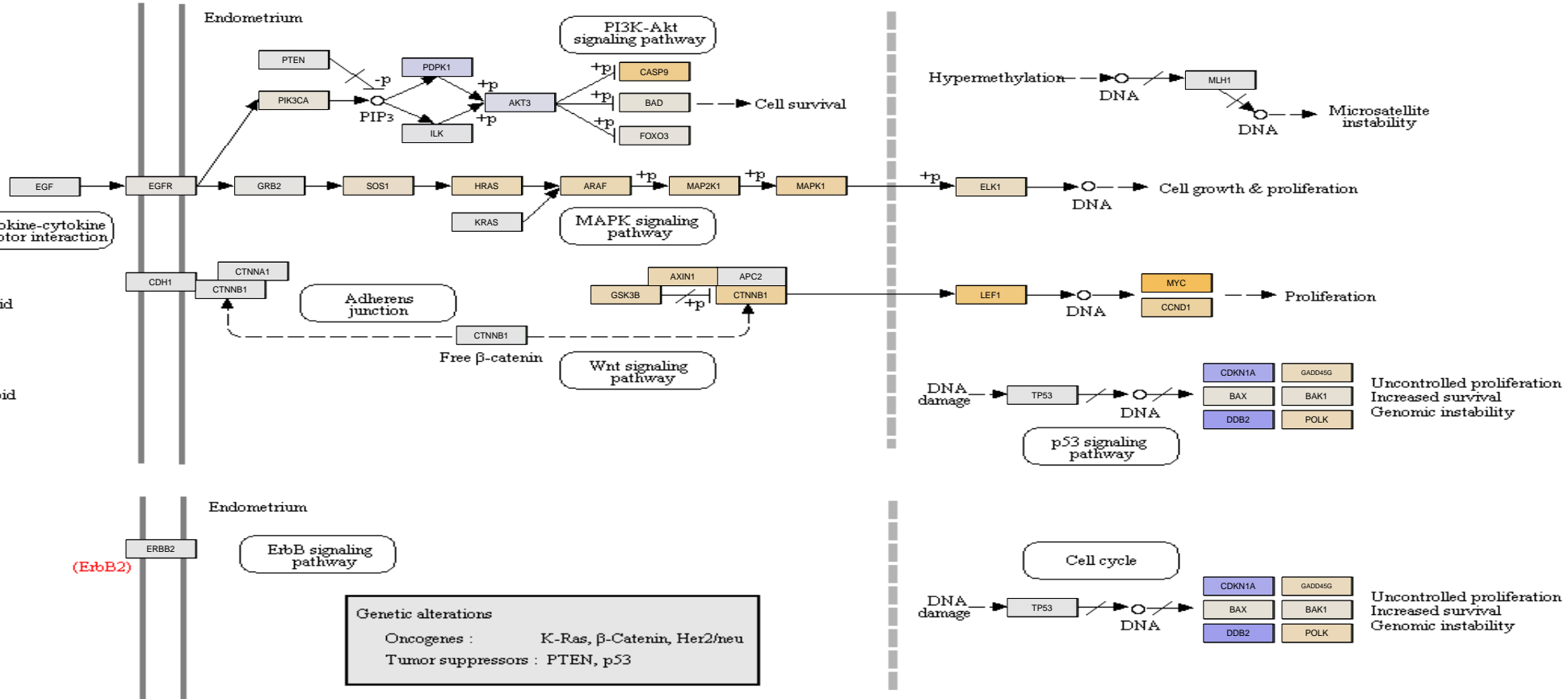
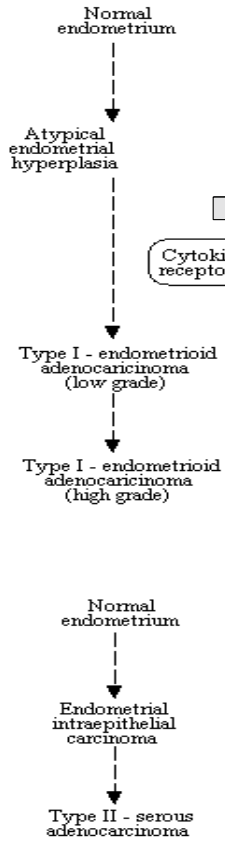
Normal endometrium
 ↓
 Atypical endometrial hyperplasia
 ↓
 Type I - endometrioid adenocarcinoma (low grade)
 ↓
 Type I - endometrioid adenocarcinoma (high grade)



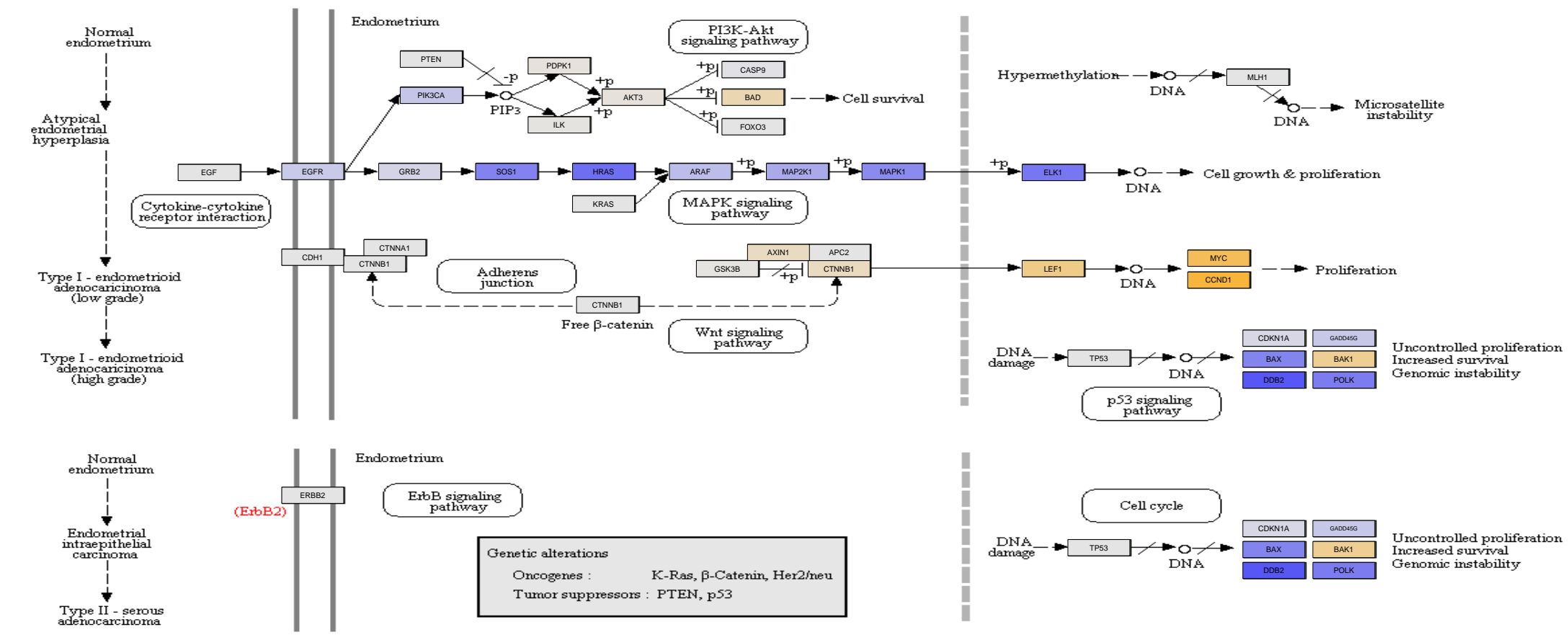
Normal endometrium
 ↓
 Endometrial intraepithelial carcinoma
 ↓
 Type II - serous adenocarcinoma



Endometrial_cancer group 5

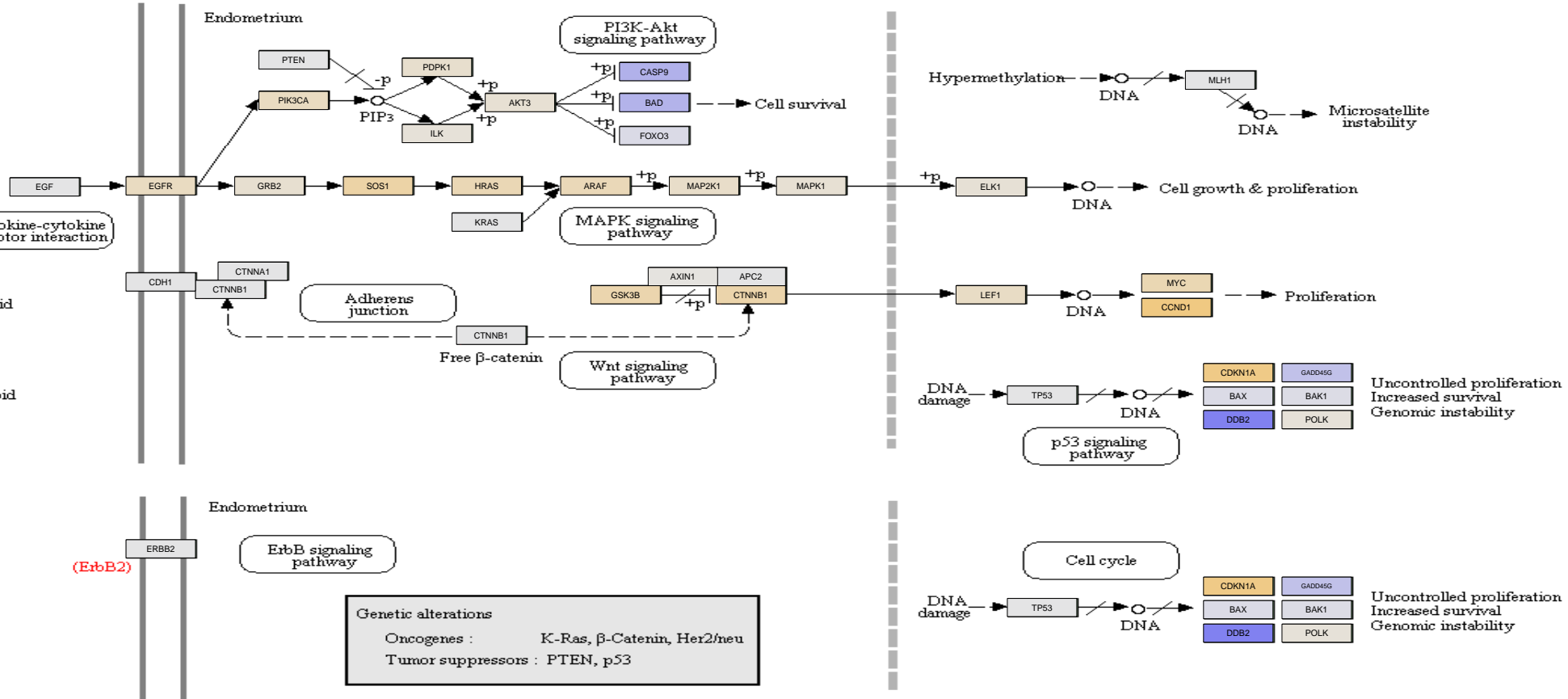


Endometrial_cancer group 6



Endometrial_cancer group 7

Normal endometrium
 ↓
 Atypical endometrial hyperplasia
 ↓
 Type I - endometrioid adenocarcinoma (low grade)
 ↓
 Type I - endometrioid adenocarcinoma (high grade)



Endometrial_cancer group 8

