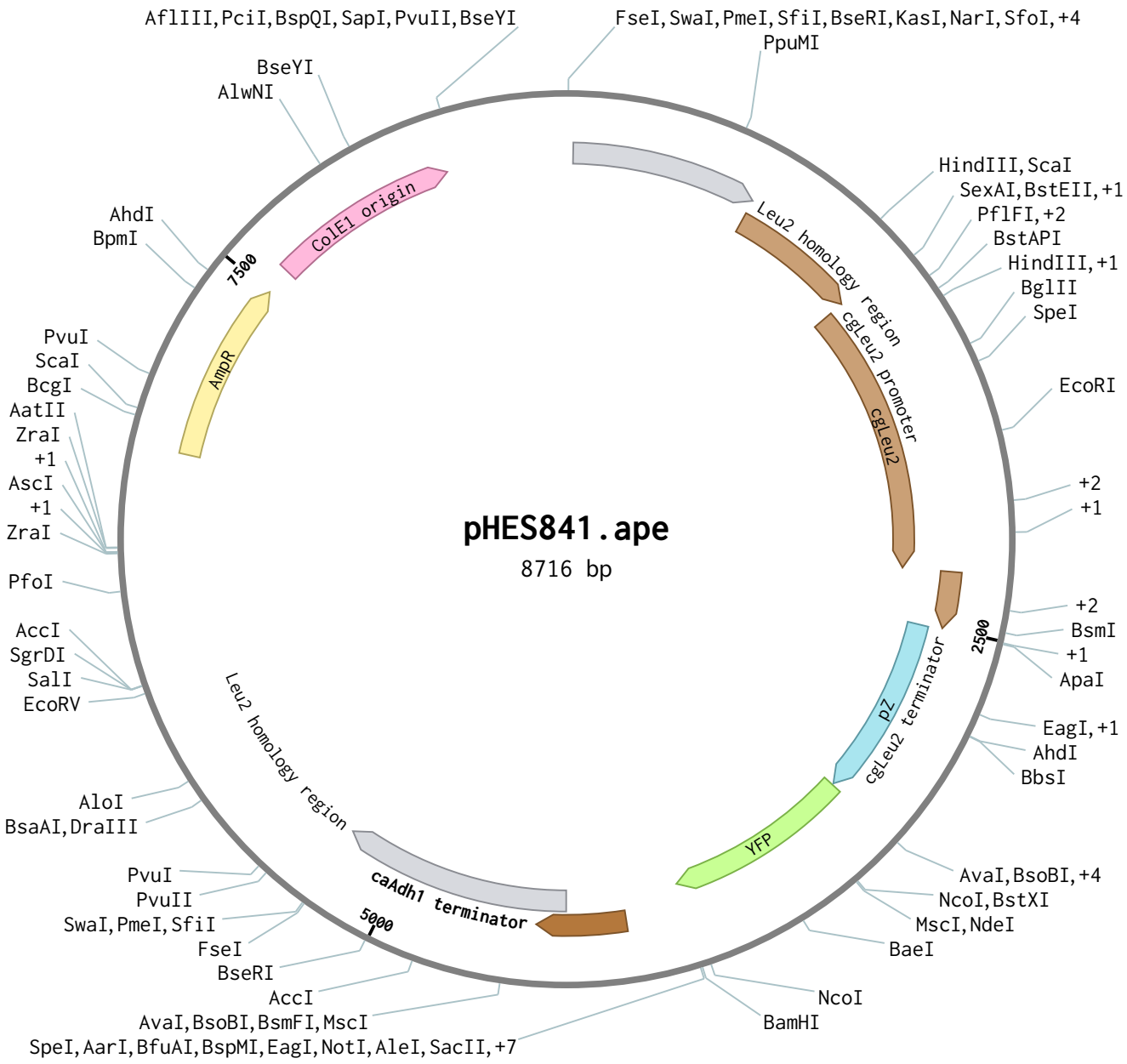pHES841.ape (8716 bp)