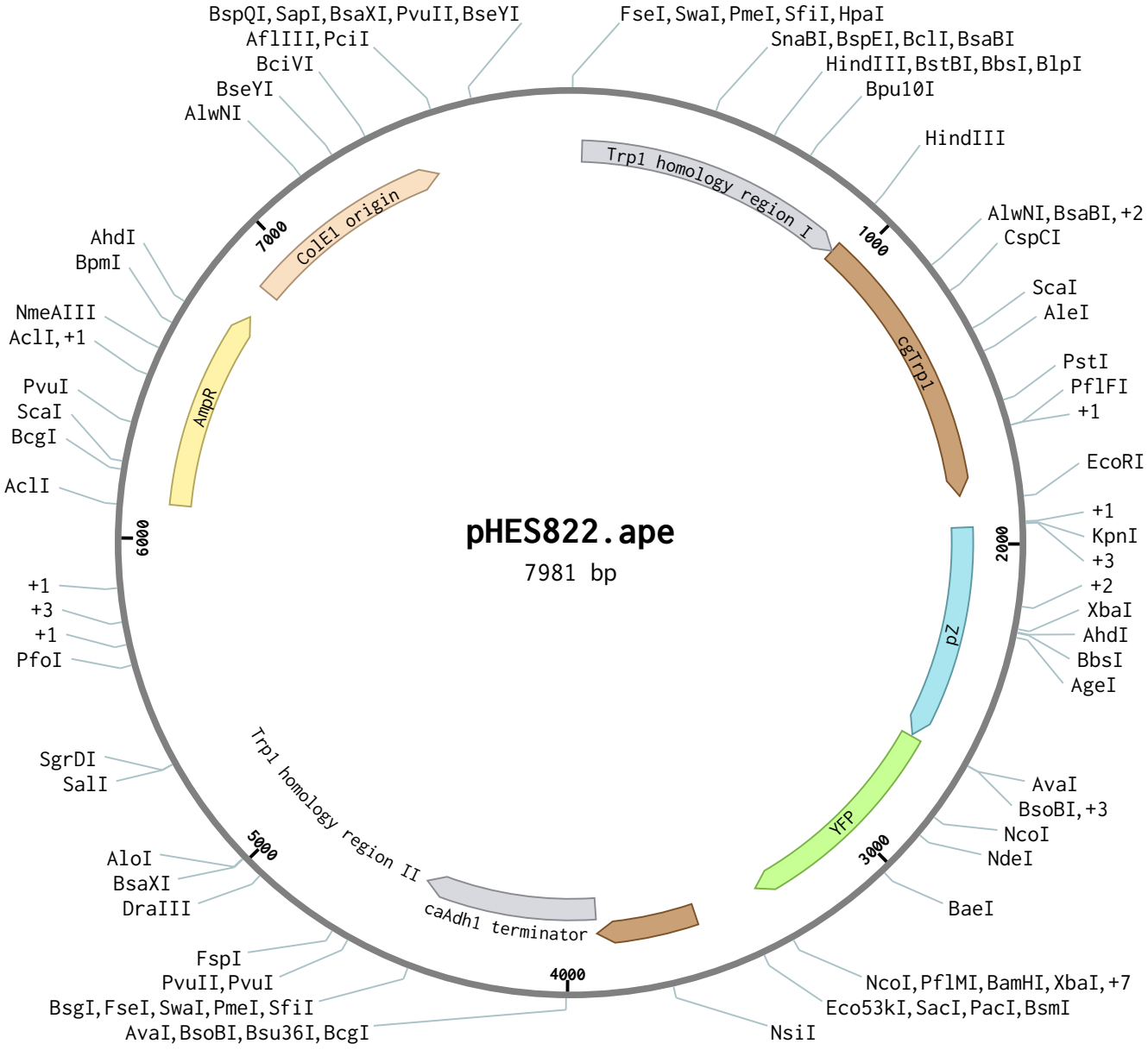pHES822.ape (7981 bp)