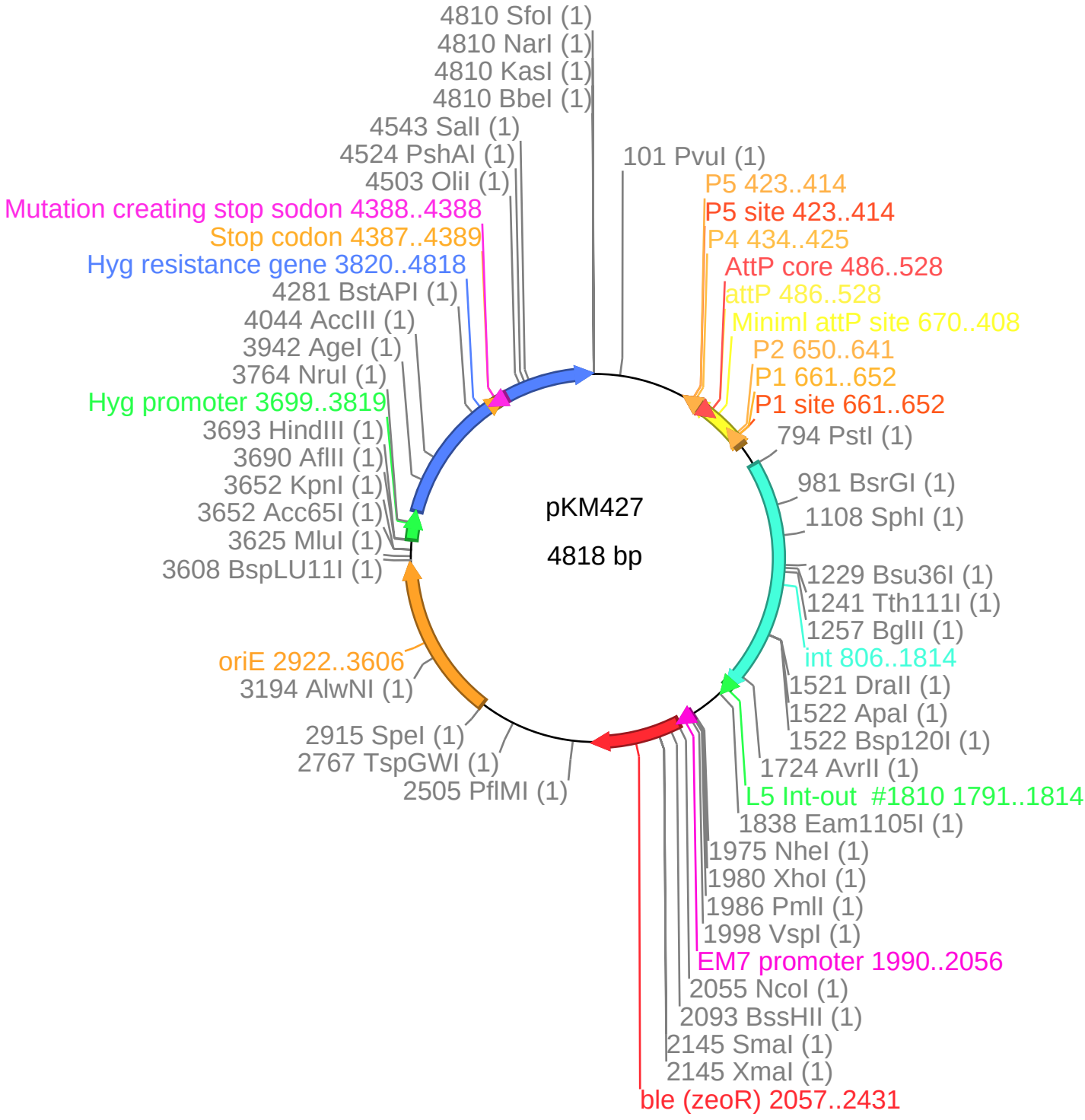
pKM427
4818 bp
4810 SfoI (1)
4810 NarI (1)
4810 KasI (1)
4810 BbeI (1)
4543 SalI (1)
4524 PshAI (1)
4503 OliI (1)
Mutation creating stop sodon 4388..4388
Stop codon 4387..4389
Hyg resistance gene 3820..4818
4281 BstAPI (1)
4044 AccIII (1)
3942 AgeI (1)
3764 NruI (1)
Hyg promoter 3699..3819
3693 HindIII (1)
3690 AflII (1)
3652 KpnI (1)
3652 Acc65I (1)
3625 MluI (1)
3608 BspLU11I (1)
oriE 2922..3606
3194 AlwNI (1)
2915 SpeI (1)
2767 TspGWI (1)
2505 PflMI (1)
101 PvuI (1)
P5 423..414
P5 site 423..414
P4 434..425
AttP core 486..528
attP 486..528
MiniMI attP site 670..408
P2 650..641
P1 661..652
P1 site 661..652
794 PstI (1)
981 BsrGI (1)
1108 SphI (1)
1229 Bsu36I (1)
1241 Tth111I (1)
1257 BglII (1)
int 806..1814
1521 DraII (1)
1522 ApaI (1)
1522 Bsp120I (1)
1724 AvrII (1)
L5 Int-out #1810 1791..1814
1838 Eam1105I (1)
1975 NheI (1)
1980 XhoI (1)
1986 PmlI (1)
1998 VspI (1)
EM7 promoter 1990..2056
2055 NcoI (1)
2093 BssHII (1)
2145 SmaI (1)
2145 XmaI (1)
ble (zeoR) 2057..2431