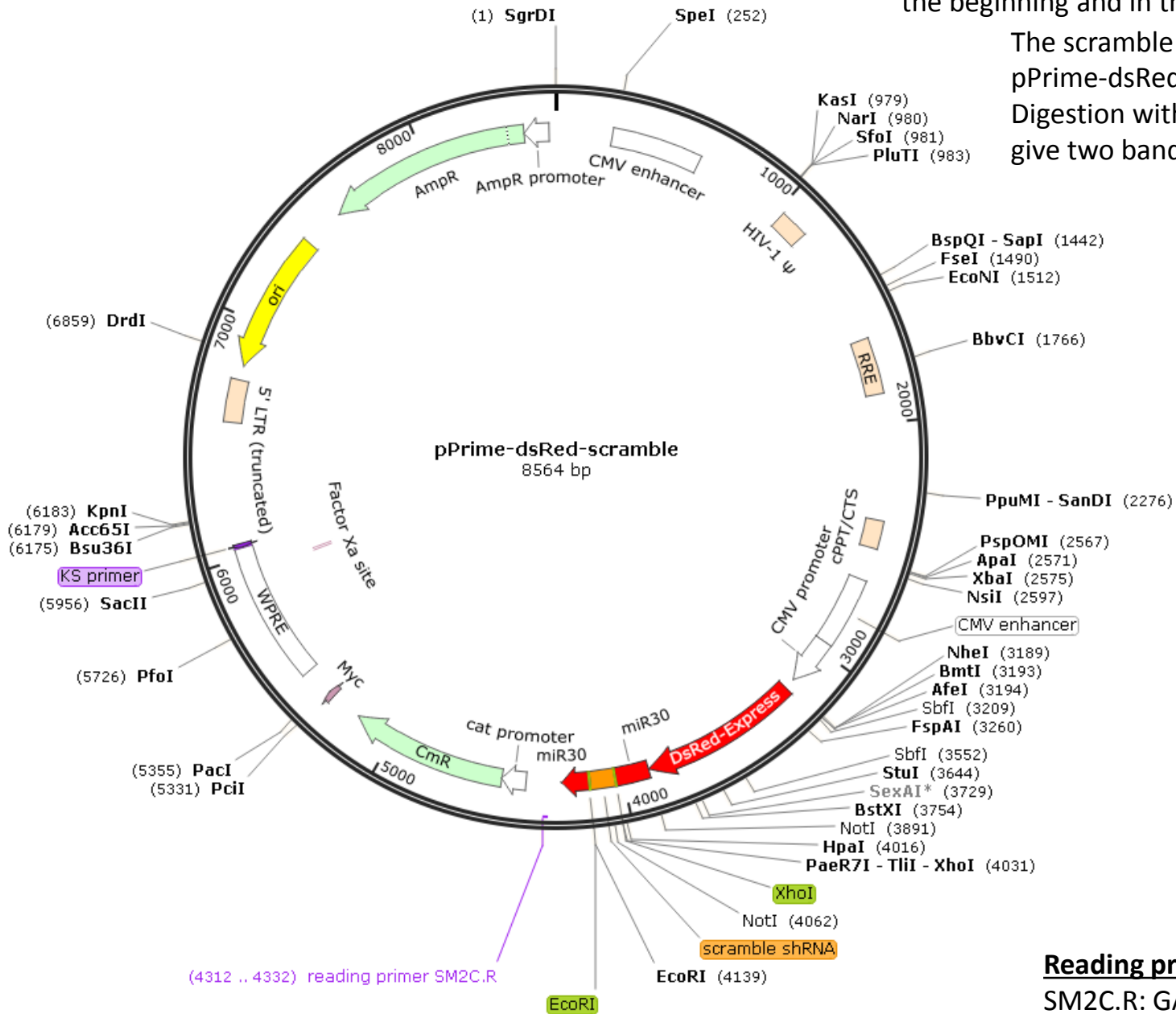


All the enzymes on the map are unique cutters, except NotI that is cutting after dsRed and in the scramble sequence and SbfI that it is cutting at the beginning and in the middle of dsRed.

The scramble oligo was ligated in pPrime-dsRed between XhoI and EcoRI. Digestion with these two enzymes will give two bands (8.5kb and 100bp)



**Reading primer:**  
SM2C.R: GAAGTGATCTTCCGTCACAGG