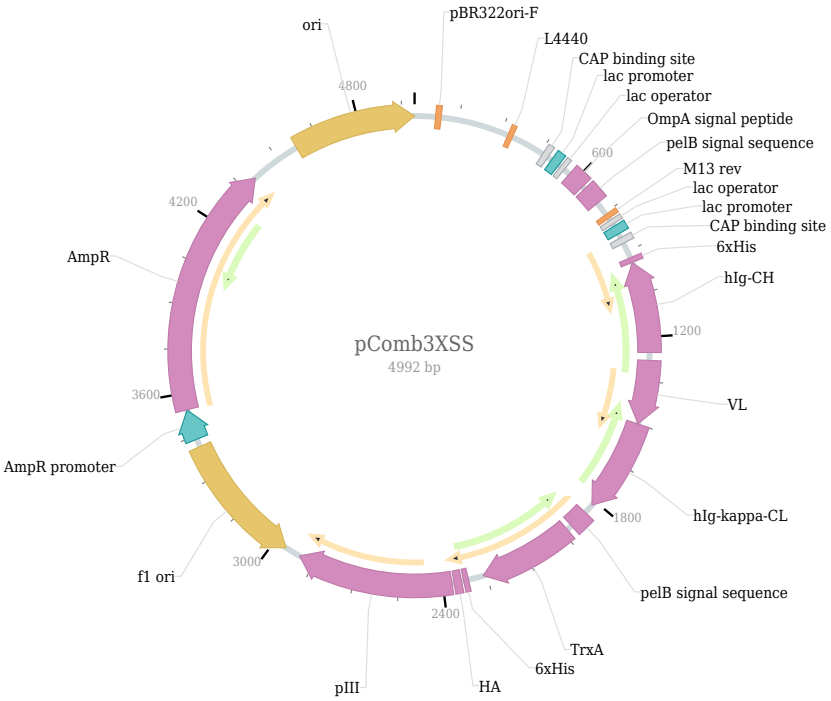
pComb3XSS

载体编号 Vector ID	V001413
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4992 bp
载体类型 Vector Type	Bacterial Expression ; phage display

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High Copy
启动子 Promoter	lacZ
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	5'-AAG ACA GCT ATC GCG ATT GCA G-3'
3' 引物 3' Primer	5'-GCC CCC TTA TTA GCG TTT GCC ATC-3'
融合标签 Fusion Tag	6xHis and HA tags
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pComb3XSS is recommended for preparation of vector for library cloning. The "SS" refers to the double stuffer, a 1180bp stuffer in the Fab light chain cloning region bounded by SacI and XbaI restriction sites and a 360bp stuffer in Fab heavy chain cloning region bound by XhoI and SpeI restriction sites. Also, the 1670bp double stuffer (both stuffers plus the leader sequence between the Fab light chain and heavy chain cloning regions) can be removed by SfiI digest so that non-Fab genes of interest can be cloned. Please use TG1 competent cells, 2x YT medium, 100 μg/mL ampicillin. Use SacI/XbaI and XhoI/SpeI to construct Fab library and SfiI to construct scFv library

质粒图谱



复溶方法

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.