



Custom Vector Onboarding

Customer information

|  |  |
| --- | --- |
| 客戶姓名 |  |
| 客戶單位 |  |
| 實驗室主持人/PI |  |
| 聯絡電話 |  |
| 電子信箱 |  |

Vector information

|  |  |  |  |
| --- | --- | --- | --- |
|  | Example | Custom Vector 1 | Custom Vector 2 |
| Vector Name | pVector |  |  |
| Restriction site | BamHI\_HindIII |  |  |
| Resistance | Ampicillin |  |  |
| Copy number | High | 選擇一個項目。 | 選擇一個項目。 |
| E. coli Strain | Twist assigned | 選擇一個項目。 | 選擇一個項目。 |

※ DH10Beta-like cells 可用於大多數的cloning 應用，Stbl3-like cells 可用於像慢病毒表達載體(Lentiviral expression vector)等不穩定結構。若不確定該選什麼，您也可讓Twist為您選擇適合的 E. coli strain~

Questions of Custom Vector 1

|  |  |  |
| --- | --- | --- |
| Questions | Yes | No |
| **1. Is the vector circular?** |[ ] [ ]
| **2. Does the vector sequence you uploaded match the complete plasmid sequence of the material you intend to ship to Twist?** |[ ] [ ]
| **3. Does the vector contain an E.coli origin of replication?** |[ ] [ ]
| **4. Does the vector contain a conditional/inducible origin of replication?** |[ ] [ ]
| **5. Is the vector suitable for work in a BSL-1 lab?** |[ ] [ ]
| **6. Can the vector be grown in Twist's standard growth conditions?** |[ ] [ ]
| **7. Does the vector contain coding sequences for bacteriophage genome, OR do you intend to create constructs that create active bacteriophage?** |[ ] [ ]
| **8. Has the vector that you intend to ship to Twist ever physically been in a lab that works on bacteriophage?** |[ ] [ ]
| **9. Does your vector produce active phage?** |[ ] [ ]
| **10. Does the vector require a special cell line for cloning?** |
|[ ]  Yes, requires very special strain |[ ]  No, cloning strain similar to DH10Beta-like or Stbl3-like strain is acceptable. |

Questions of Custom Vector 2

|  |  |  |
| --- | --- | --- |
| Questions | Yes | No |
| **1. Is the vector circular?** |[ ] [ ]
| **2. Does the vector sequence you uploaded match the complete plasmid sequence of the material you intend to ship to Twist?** |[ ] [ ]
| **3. Does the vector contain an E.coli origin of replication?** |[ ] [ ]
| **4. Does the vector contain a conditional/inducible origin of replication?** |[ ] [ ]
| **5. Is the vector suitable for work in a BSL-1 lab?** |[ ] [ ]
| **6. Can the vector be grown in Twist's standard growth conditions?** |[ ] [ ]
| **7. Does the vector contain coding sequences for bacteriophage genome, OR do you intend to create constructs that create active bacteriophage?** |[ ] [ ]
| **8. Has the vector that you intend to ship to Twist ever physically been in a lab that works on bacteriophage?** |[ ] [ ]
| **9. Does your vector produce active phage?** |[ ] [ ]
| **10. Does the vector require a special cell line for cloning?** |
|[ ]  Yes, requires very special strain |[ ]  No, cloning strain similar to DH10Beta-like or Stbl3-like strain is acceptable. |



