



# 410 Naïve Phage Library

## Product Introduction

product name 410 Naïve Phage Library  
 Catalogue Number KTSM8005  
 Company AlpLife  
 Storage -80°C  
 product formation 1ml Phage Library, 1ml Bacterial library  
 Phage Library Titer  $2.8 \times 10^{13}$  pfu/ml

AlpLife's Naïve Phage Library was constructed from PBMCs isolated from 410 healthy Alpacas, which means our library contains higher diversity than others.

Moreover, AlpLife's Naïve Phage Library Including 1ml phage library and 1ml bacterial library. The Naïve Phage Library can be directly use to screening, which can be screened about 10 times. Moreover, the bacterial library is expanded and can be expended 6 times, and each expansion can be used 10 times, which means the library can be used at least 70 times without losing capacity.

Thus, the Naïve Phage Library will be a very cost-effective option if you want to screen by own.

## Description

## Diversity

Forty-eight monoclones were randomly selected and sequenced, and then transcribed and translated into protein sequences using GENTle software. Sequence diversity alignment showed that all 48 sequences were independent sequences with 100% diversity, which indicated that the diversity of bacterial library met the requirements.

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