## BAC analysis

BACs against NLeu1 with more than 1 block aligned in the assembly ............... 3
BACs against NLeu1 with 1 block aligned in the assembly .............................. 27
BACs against NLeu3 with more than 1 block aligned in the assembly ............... 246
BACs against NLeu3 with 1 block aligned in the assembly ............................... 269

Neu1

```
[0.90,0.94) }\square[0.94,0.97)\square[0.97,0.98) \square[0.98,0.99) \square[0.99,1
```


$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$



KBases BAC
AC202649.3

GL397570.1

Rpts
SDs
Gaps
$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$


KBases BAC
AC205749.3

GL397537.1

Rpts
Tandem Rpts
SDs
$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$


KBases BAC AC215263.4

ADFV01134794.1

Rpts
Tandem Rpts
SDs
Gaps

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$



```
[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]
```




```
[0.90,0.94) }\square[0.94,0.97)\square[0.97,0.98) \square[0.98,0.99) \square[0.99,1
```



$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$


KBases BAC CT954313.6

GL397431.1
$\qquad$

[^0]$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$




KBases BAC
 AC165189.4
 | \| \| \| 1


0 O_L_100


Bases BAC
AC165377.4

Gaps





KBases BAC




KBases BAC


AC166599.3

GL397282.1
7463049



Tandem Rpts
SDs
SDs



KBases BAC


AC166600.4

GL397282.1

Rpts
Tandem Rpts
SDs
SDs



KBases BAC










KBases BAC


AC175614.3

## 8442935

 1 1 1



KBases BAC


AC175615.3

GL397282.1









AC183847.3

GL397282.1

Rpts
Tanden
SDs






 0 KBases BAC


AC198096.2

GL397276.1
36016723



## Rpts Tandem <br> Tandem Rpts

 SDs






 0 , 100 , 200 KBases BAC AC198101.2

## 11847069











KBases BAC AC198144.2

## 19942889






KBases BAC AC198146.2

 || ||





AC198149.2

## 6868221


■1|। | | 1 \| | | \| II











KBases BAC
AC198153.2

GL397319.1
1201295










[0.90,0.94)
$\square$
$[0.94,0.97) \square[0.97,0.98)$
$\square[0.98,0.99)$

0,100

 !



KBases BAC
 AC198875.2

## 47981724

GL397261.1




22539792

这





AC202246.3

GL397425.1


Rpts
Tandem Rpts
SDs



200 KBases BAC
AC202251.3

GL397326.1

## 2730004




SDs






 0 KBases BAC


AC203709.2

GL397305.1
10238905






KBases BAC
AC203711.2

GL397285.1
9515767









0,100


GL397277.1




[0.90,0.94) $\square$


AC203717.2



Rpts
Tanden
SDs






$[0.90,0.94)$

$[0.94,0.97) \square[0.97,0.98)$ $\qquad$



AC203721.2

GL397262.1

## 50203165




## Rpts

Tandem Rpts
SDs
SDs



## 5312352



Rpts
Tandem Rpts
SDs

AC203722.3

GL397272.1

Gaps












AC204179.2

Tande
SDs








0 , 100


GL397272.1

 ■ |। | | | !



KBases BAC


AC204183.3


<br>Tandem Rpts<br>SDs



$[0.90,0.94)$
$\square$

0,100


KBases BAC
AC204185.2

GL397306.1

Rpts
Tandem Rpts
SDs
SDs
Gaps




AC204186.3

GL397262. 1



Rpts<br>Tandem Rpts<br>SDs





GL397272.1



KBases BAC










AC205208.3


Rpts
Tandem Rpts
SDs SDs


0


AC205209.3

GL397458.1

## 40982



 636095





AC205210.2

## 1904881







GL397306.1



AC205211.3

$[0.90,0.94)$ $\square$


AC205438.3

GL397272.1

## 3716804












| I |
| :-- |

Bases BAC
AC205440.2

GL397356.1

[^1]






KBases BAC


AC205443.2

GL397360.1


SDs




 0 K___ 0


AC205446.2












KBases BAC

 \| I




| 0 |  |
| :---: | :---: |



AC205746.3

GL397458.1






## 1447544

 IIII
$\square-$ | | ||||||||




109


AC206072.3

GL397537.1









KBases BAC
AC206074.2




KBases BAC


AC206075.2

GL397283.1
2437766

■ !

Rpts Tandem Rpts
SDs
SDs













KBases BAC




AC206378.2

 $\underset{7416579}{ }$












AC207149.2

GL397294.1

[^2]


KBases BAC AC207150.2







KBases BAC


126008




Rpts
Tandem Rpts
SDs

$\square$





KBases BAC


AC207845.2

GL397330.1






751806

■ \|il|
 | 11 ||













KBases BAC
AC207852.2

GL397261.1

Rpts
Tanden
Tandem Rpts
SDs





KBases BAC
AC207854.2

2032858







$\square$
$[0.94,0.97) \square[0.97,0.98)$
$\square$ [0.98,0.99)


KBases BAC
AC208279.2

GL397282. 1

Rpts
Tandem Rpts
SDs
SDs
Gaps



KBases BAC


AC208280.2














KBases BAC


AC208286.2

GL397276.1




Rpts
Tandem Rpts
SDs
SDs





KBases BAC
AC208958.3

GL397354.1
7272082


 -


 || ||
 0 OL_100


AC208964.4

## 720827


| |||

Rpts
Tande Tandem Rpts SDs







KBases BAC AC209612.2 GL397262.1

[^3]






KBases BAC


 $\square-$









KBases BAC
AC214603.3

GL397369.1
5390496









 $1 ■$

 | 1 |
| :--- |
| $\square$ |




AC214647.3






 GL397306.1



KBases BAC
AC215262.3

GL397272.1
38957116
38790955


Rpts
Tandem Rpts
SDs


 0 [_ 100













KBases BAC


AC216986.3

 GL397304.1

Rpts
Tanden
Tandem Rpts
SDs
SDs











KBases BAC AC217469.2
 0 [_L_ 100

KBases BAC


AC217470.2

## 549449

- |l||

|| | ||
 $1!$







AC217746.2

GL397347.1









KBases BAC


AC225315.3






## $4{ }^{71124834}$



GL397269.1

Rpts
Tande
Tande





KBases BAC AC225662.2

GL397342.1
9305764





KBases BAC
AC231299.3

GL397261.1
71886234

Rpts
Tandem Rpts
SDs
SDs






























KBases BAC
CT954293.6

GL397596. 1

## Rpts <br> Tandem Rpts SDs <br> SDs












$\square$
$[0.94,0.97) \square[0.97,0.98)$


KBases BAC

 6881337



13407777

KBases BAC
CT954303.4

GL397297.1



KBases BAC

 CT954304.8










KBases BAC
CT954310.8

GL397399.1
Rpts
Tandem Rpts
SDs
SDs





## 475456



$1 \square$







KBases BAC


## 10594902

 | I



KBases BAC









KBases BAC






Nleu3
$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$




```
[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]
```



KBases BAC
AC207844.2

NLE4_random_GL397958

Rpts
Gaps
$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$



KBases BAC
CT954290.4

NLE1b random GL397624
$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$


```
[0.90,0.94) }\square[0.94,0.97)\square[0.97,0.98) \square[0.98,0.99) \square[0.99,1
```



KBases BAC
CT954294.19

NLE2
Rpts
Gaps


KBases BAC
CT954294.19

NLE2

Rpts



```
    [0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]
```



KBases BAC CT954297.11

NLEUN_GL397431a

Rpts
Gaps


$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$



$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$


$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$


KBases BAC
CT954312.5

NLEUN GL397566

Rpts
$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$


100
200
KBases BAC CT954313.6

NLEUN_GL397431a

Rpts
Gaps
$[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$



$\rightarrow$ CT990555.8

NLEUN_GL397348a

Rpts
Gaps

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$

$\square[0.90,0.94) \square[0.94,0.97) \square[0.97,0.98) \square[0.98,0.99) \square[0.99,1]$






KBases BAC AC165377.4

NLE13













## AC166601.4

## NLE13









KBases BAC
 AC175614.3


$$
0 \text {, , _ _ _ _ } 100
$$

KBases BAC


AC175615.3

67802056








AC183847.3
$\overleftarrow{68318450} \boldsymbol{\sim}$ 68400053 NLE13

III | IIII
■ - |||
$+$


















 0 ,










KBases BAC AC198146.2






















0 [_L_ 100

|||||1||| $\qquad$ III III III



KBases BAC
AC198875.2



## 94208438







NLE13


















KBases BAC AC203709.2













0 , 100


AC203715.2

NLE2


- ||


$[0.90,0.94)$
$\square$
$[0.94,0.97) \square[0.97,0.98)$ $\qquad$








0 KBases BAC




NLE15




```
0 O_ 100
```



```
AC203723.2
NLE7
61942648 , 62132991
```












KBases BAC
AC204179.2

NLE2

Rpts
Gaps




 AC204181.2
 NLE19


0 ,


AC204182.2

NLE7





KBases BAC


AC204183.3





$0, \ldots, 100$


KBases BAC
AC204185.2

NLE6




0 ,


200 KBases BAC AC204446.3



Bases BAC AC204794.2

 $-1$

NLE13

- | ! -






[0.90,0.94)
$\square$





Bases BAC AC205210.2

95191599



|  | 0 | 100 |  |
| :---: | :---: | :---: | :---: |

KBases BAC AC205211.3

NLE6












KBases BAC
AC205440.2

NLE13















AC205446.2

NLE22b





















AC205748.2
 - । 1 1
-









KBases BAC


AC206075.2

NLE2










KBases BAC






KBases BAC


AC206377.2

NLE13

I I I
1 I





AC206810.2

NLE25









[0.90,0.94)

$[0.94,0.97) \square[0.97,0.98)$


AC207149.2

NLE8

Rpts
Gaps



KBases BAC AC207150.2











0 _ 100


KBases BAC
AC207845.2

NLE17















KBases BAC
AC207852.2

63713262



























AC208286.2

NLE10

















0,100

 $\qquad$


KBases BAC
AC209612.2

NLE13







KBases BAC


AC211131.3

NLE3








AC212965.2

NLEX
110422394










AC214647.3






























 0 _ 100
 AC217470.2 662179051 , 1







$$
0
$$










AC225315.3





AC225372.3

NLE4





KBases BAC AC225662.2 NLE1b 77318341





KBases BAC
AC231299.3
 $\qquad$

Rpts
Gaps



AC231300.2

41677008
NLE11



























KBases BAC


NLE13







NLE14_random_GL397534







NLE12




0 , _ 100
 CT954303.4



KBases BAC
 CT954304.8

NLE14





KBases BAC
CT954305.14

NLE7






KBases BAC
CT954310.8

NLE17

 - -

 Rpts
Gaps




0 KBases BAC


NLE14_random_GL397526

Rpts
Gaps







KBases BAC
 NLE13











[^0]:    Rpts
    Tandem Rpts
    SDs
    Gaps

[^1]:    Rpts
    Tandem
    Tandem Rpts
    SDs
    SDs

[^2]:    Rpts
    Tandem Rpts
    SDs
    SDs

[^3]:    9011196
    

