

Supplementary File 1. NUCMER based mapping of smaller Illumina reads coming from a single long PacBio read, to the assembly.

NUCMER (Read 1)

```
[S1] [E1] | [S2] [E2] | [LEN 1] [LEN 2] | [% IDY] | [TAGS]
=====
=====
22 100 | 726 648 | 79 79 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_190_681_12
_1_0 scaffold24417_len726_cov2219_single
1 100 | 712 613 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_225_666_14
_1_0 scaffold24417_len726_cov2219_single
1 100 | 693 594 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_244_671_22
_1_0 scaffold24417_len726_cov2219_single
10 87 | 78 1 | 78 78 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_55_488_4_1
_0 scaffold23831_len619_cov1962_single
```

NUCMER (Read 2)

```
[S1] [E1] | [S2] [E2] | [LEN 1] [LEN 2] | [% IDY] | [TAGS]
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1 100 | 306 405 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_106_532_11
_1_1 scaffold24417_len726_cov2219_single
1 100 | 276 375 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_111_562_6_
1_1 scaffold24417_len726_cov2219_single
1 100 | 260 359 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_134_578_2_
1_1 scaffold24417_len726_cov2219_single
1 100 | 235 334 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_140_603_15
_1_1 scaffold24417_len726_cov2219_single
1 100 | 232 331 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_146_606_19
_1_1 scaffold24417_len726_cov2219_single
1 100 | 157 256 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_190_681_12
_1_1 scaffold24417_len726_cov2219_single
1 100 | 172 271 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_225_666_14
_1_1 scaffold24417_len726_cov2219_single
1 100 | 349 448 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_22_489_25_
1_1 scaffold24417_len726_cov2219_single
```

```
1 100 | 167 266 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_244_671_22
_1_1 scaffold24417_len726_cov2219_single
1 100 | 356 455 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_2_482_17_1
_1 scaffold24417_len726_cov2219_single
1 100 | 350 449 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_55_488_4_1
_1 scaffold24417_len726_cov2219_single
1 100 | 311 410 | 100 100 | 100.00 |
m121022_124828_42181_c100388272550000001523034010251242_s1_p0/7/0_806_65_527_8_1
_1 scaffold24417_len726_cov2219_single
```