**Cluster 15 - uncorrected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Seq118617** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **C** | G | A | C | **A** | **-** | 200 |
| **Seq68009** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq108154** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq238089** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq168357** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq202010** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq406671** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq356254** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **C** | **-** | 200 |
| **Seq295851** | **-** | A | G | T | **A** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq243825** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq43837** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **G** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq27829** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq33413** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq204866** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq258270** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq386905** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |
| **Seq407120** | **-** | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | **-** | 200 |

**Cluster 15 - corrected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Seq118617** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **N** | G | A | C | **A** | - | 200 |
| **Seq68009** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq108154** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq238089** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq168357** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq202010** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq406671** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq356254** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **N** | - | 200 |
| **Seq295851** | - | A | G | T | **N** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq243825** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq43837** | - | A | G | T | **C** | G | A | A | T | C | T | C | **N** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq27829** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq33413** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq204866** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq258270** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq386905** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |
| **Seq407120** | - | A | G | T | **C** | G | A | A | T | C | T | C | **T** | A | T | C | A | C | T | C | G | **A** | G | A | C | **A** | - | 200 |