**S-Table\_1. Total number of paired end (PE) and mate pair (MP) reads with the estimated coverage**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sample** | **Filtered PE (M)** | **Filtered MP (M)** | **E. Coverage** |
| **1-S** | 4,45M(\*2) | 1,31M(\*2) | 249,88X |
| **1-R** | 0,77M(\*2) | 1,47M(\*2) | 121,63X |
| **2-S** | 2,03M(\*2) | 1,14M(\*2) | 148,11X |
| **2-R** | 3,24M(\*2) | 0,93M(\*2) | 180,89X |