Raw Data

Report

April 2022







Project Information

Client Name	Ben Wainwright
Company / Institution	National University of Singapore
Order Number	2202KMI-0003
Type of Read	Paired-end
Read Length	301
Number of Samples	195
Library Kit	Herculase II Fusion DNA Polymerase Nextera XT Index Kit V2
Library Protocol	16S Metagenomic Sequencing Library Preparation Part # 15044223 Rev. B
Type of Sequencer	Illumina platform



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1. Data Download Information

1. 1. Raw Data and Analysis Results

Download link	File size	md5sum
2202KMI-0003.zip	3.9G	4cd09f66be9df05c1105d7324e9498ed

• *.zip : Read1/Read2 of All Samples (- One compressed file of all samples)

Download link	File size	md5sum
Alor_01_R1.fastq.gz	6.0M	c5735f0bb07fc204af7c7d5f8962baf0
Alor_01_R2.fastq.gz	8.8M	80c3066f517e0c200f5ec2a8e5ae3743
Alor_02_R1.fastq.gz	12.8M	e08f5a47113c8c0ba0a357fb9b6e629b
Alor_02_R2.fastq.gz	18.7M	ec441dc207f9134ec93ce86611a008d2
Alor_03_R1.fastq.gz	6.7M	5da1d34668e549dc052cd44765d91578
Alor_03_R2.fastq.gz	9.6M	4048bd339c54f015f1960e9416eb6eb7
Alor_04_R1.fastq.gz	7.4M	ef4da5db971f5ed7056b4d2c3f4ac230
Alor_04_R2.fastq.gz	10.8M	3bafff637b8551fe06ddd184966ec729
Alor_05_R1.fastq.gz	9.4M	94a646ff6f16af1ed0e372c1a8674260
Alor_05_R2.fastq.gz	13.6M	fe5749caadd34fc5bd3b02655927c6ec
Alor_06_R1.fastq.gz	8.2M	28ee5e3ed87f5a1971249ed518d94986
Alor_06_R2.fastq.gz	12.1M	bde411bb7ffcac3edc48bf741eb83eca
Alor_07_R1.fastq.gz	7.8M	a8ee662206263795ce2bd7fbb879bf16
Alor_07_R2.fastq.gz	11.2M	575ccdbc99a411f2f4dcae63bfdf07a0
Alor_08_R1.fastq.gz	11.2M	35241d6e0d47dbabf836f6ae46c16c1c
Alor_08_R2.fastq.gz	16.5M	39ace85bddc1ac94de59d856a6ee363b
Alor_09_R1.fastq.gz	5.8M	3be6c4ec089ed44a6273040c16d8be49
Alor_09_R2.fastq.gz	8.4M	9c7a373516296470a403c1773444a6e7
Alor_10_R1.fastq.gz	6.5M	66713a5458def57371e7c1eb6cf242a1
Alor_10_R2.fastq.gz	9.5M	cccbd1dfafcab73f176a88f4d633b727
Alor_11_R1.fastq.gz	7.3M	6618e805d275aca5eada4f9582261f3c
Alor_11_R2.fastq.gz	10.4M	21e68581e35b312e53afe6fb69de49fb
Alor_12_R1.fastq.gz	8.1M	2fd0506a8fe90a8e4af9dd0ea43ef913
Alor_12_R2.fastq.gz	11.2M	24da25bc5087a8ee440e0db69bd6ea0b
Alor_13_R1.fastq.gz	6.8M	25f4282dbb2527a0a3d77a69ca247b73
Alor_13_R2.fastq.gz	9.7M	0647aecc5a31c583a55143fc15082ecd
Alor_14_R1.fastq.gz	8.0M	6942a6a4e6b32e0969c0cac3fd1413b9
Alor_14_R2.fastq.gz	11.7M	7c8c957bb419defbb782c3ed529a81dd
Alor_15_R1.fastq.gz	6.5M	72e7bfebf22e5060ed7fe5e5789a3316



Alor_16_RLfnstq.gz			
Alor_16_R2_fastq.gz	Alor_15_R2.fastq.gz	9.1M	23b648c73402b423e725b0e67b37d1db
Bali_O1_R1.fastq.gz	Alor_16_R1.fastq.gz	13.3M	6f7b44629572d85fccf59ea5fbb82879
Bali_O1_R2.fastq.gz 9.2M ac43343b1208fac2f73ic83265c7a7fd Bali_O2_R1.fastq.gz 9.2M d9ff4ef45b1febe04ic4e87i9492a22b Bali_O2_R2.fastq.gz 13.3M 47334a1if35a2570i52399ba0b269d63 Bali_O3_R1.fastq.gz 6.1M b8af3f3abcd359a2a7de392927ib1c6c Bali_O3_R1.fastq.gz 8.9M ce21670c533e142d26da0a0ace463001 Bali_O4_R2.fastq.gz 6.8M f4f7ebc88659e2dcd953193d866a7055 Bali_O4_R2.fastq.gz 9.6M 08fced592dfc7l14f46bd18be72d0bc4 Bali_O5_R2.fastq.gz 9.6M 08fced592dfc7l14f46bd18be72d0bc4 Bali_O5_R2.fastq.gz 9.6M 04f78db252d7495ff9ed4539c16d514 Bali_O5_R2.fastq.gz 9.6M 04f78db25247495ff9ed4539c16d514 Bali_O6_R2.fastq.gz 15.4M 905f934ada6038c40b0f61e9ceb137a24 Bali_O6_R2.fastq.gz 21.6M 7dd45s82317f86e6f55b5d7078e56df0 Bali_O7_R1.fastq.gz 7.3M c01ca3be3339e712e7ecb81839b9b5e1 Bali_O7_R2.fastq.gz 11.0M 7ed95ce08d6a29a3b68cla9856bc14db Bali_O8_R2.fastq.gz 6.1M 585500c926c2ef39c07253a6832e223 Bali_O9_R1.fastq.gz 8.9M 1231bd9075bcd39734c57359db19657 <	Alor_16_R2.fastq.gz	19.1M	9c76b34f251b34337eafdaa4096dfeef
Bali_O2_R1.fastq.gz	Bali_01_R1.fastq.gz	6.3M	aca184af457a593fd713151fdc9658ac
Bali_02_R2.fastq.gz 13.3M 47334a1lf35a2570152399ba0b269d63 Bali_03_R1.fastq.gz 6.1M b8af3f3abcd359a2a7de392927lb1c6c Bali_03_R2.fastq.gz 8.9M cc21670c513e142d26da0a0ace463001 Bali_04_R1.fastq.gz 6.8M f4f7ebc88659c2dcd953193d866a7055 Bali_04_R2.fastq.gz 9.6M 08fced592dfe7lf4f46bd18be72d0bc4 Bali_05_R1.fastq.gz 6.5M f30a6bdea99a3687e5ccb6ea0dc94f57 Bali_06_R2.fastq.gz 9.6M d4f38db25247495ff9ed4539cf16d514 Bali_06_R2.fastq.gz 15.4M 905f934aa66038c4b0b61e9ceb137a24 Bali_06_R2.fastq.gz 21.6M 7d45a82317886e6f55b5d7078e56df0 Bali_07_R1.fastq.gz 7.3M c01ca3be3339e712e7ecb81839b95e1 Bali_07_R2.fastq.gz 11.0M 7ed55c08d6a29a3b68c1a9856bc14db Bali_08_R1.fastq.gz 11.0M 7ed55c08d6a29a3b68c1a9856bc14db Bali_09_R2.fastq.gz 11.0M 7ed55c08d6a2e3a3b68c1a9856bc14db Bali_09_R1.fastq.gz 8.8M 3df0f29fe6a4a7fe0a51df9a35e4274b Bali_09_R2.fastq.gz 8.9M 1231b4b075bcd59734c57359ddb46657 Bali_09_R2.fastq.gz 8.9M 1231b4b075bcd59734c57359ddb4657 <	Bali_01_R2.fastq.gz	9.2M	ac43343b1208fac2f731c83265c7a7fd
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Bali_03_R2_fastq.gz 8.9M ce21670c513e142d26da0a0ace463001 Bali_04_R1_fastq.gz 6.8M f4f7ebc88659c2dcd953193d866a7055 Bali_04_R2_fastq.gz 9.6M 08fced592dfe7lf4f46bd18be72d0bc4 Bali_05_R1_fastq.gz 6.5M f30a6bdea99a3687e5ccb6ea0dc94f57 Bali_05_R2_fastq.gz 9.6M d4f38db25247495ff9ed4539cf16d514 Bali_06_R1_fastq.gz 15.4M 905f934ada6038c4b0b61e9ceb137a24 Bali_06_R2_fastq.gz 21.6M 7dd45a82317f86e6f55b5d7078e56df0 Bali_07_R1_fastq.gz 7.3M c01ca3be3339e712e7ecb81839b9b5e1 Bali_07_R2_fastq.gz 11.0M 7ed95ce08d6a29a3b68c1a9856bc14db Bali_08_R1_fastq.gz 6.1M 585500c926c2ef39e07253a8683e2e23 Bali_08_R2_fastq.gz 8.8M 3df0f29fe6a4a7fe0a5idf9a35e4274b Bali_09_R1_fastq.gz 8.9M 1231b4b075bcd59734e57359ddb4657 Bali_09_R2_fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a35i1672 Bali_09_R2_fastq.gz 6.5M 8213idd9a016645cc809f2cd69f65b9d Bali_10_R2_fastq.gz 9.4M f283074bbd634c25ff1204dc21c8b7 Bali_11_R1_fastq.gz 7.7M 536d80ba36eaf22f1cd3fbf6c5a6b24d <	Bali_02_R2.fastq.gz	13.3M	47334a11f35a2570152399ba0b269d63
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Bali_05_Rl.fastq.gz 6.5M f30a6bdea99a3687e5ccb6ea0dc94f57 Bali_05_R2.fastq.gz 9.6M d4f38db25247495ff9ed4539cfl6d5l4 Bali_06_Rl.fastq.gz 15.4M 905f934ada6038c4b0b6le9ceb137a24 Bali_06_R2.fastq.gz 21.6M 7dd45a82317f86e6f55b5d7078e56df0 Bali_07_Rl.fastq.gz 7.3M c01ca3be3339e7l2e7ecb8l839b9b5e1 Bali_07_R2.fastq.gz 11.0M 7ed95ce08d6a29a3b68cla9856bc14db Bali_08_Rl.fastq.gz 6.1M 585500c926c2ef39e07253a8683e2e23 Bali_08_R2.fastq.gz 8.8M 3df0f29fe6a4a7fe0a5ldf9a35e4274b Bali_09_R1.fastq.gz 8.9M 123lb4b075bcd59734e57359db49657 Bali_09_R2.fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6er7a3511672 Bali_09_R2.fastq.gz 6.5M 8213ldd9a016645cc809f2cd69f65b9d Bali_10_R1.fastq.gz 6.5M 8213ldd9a016645cc809f2cd69f65b9d Bali_11_R.fastq.gz 9.4M f283074bbbd634c25f112040dc21c8b7 Bali_11_R.fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_12_R.fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_12_R.fastq.gz 9.1M ada9d5f09ab859c20cc1f676ff3a73b5 <	Bali_04_R1.fastq.gz	6.8M	f4f7ebc88659c2dcd953193d866a7055
Bali_05_R2_fastq.gz 9.6M d4f38db25247495ff9ed4539cf16d514 Bali_06_R1_fastq.gz 15.4M 905f934ada6038c4b0b61e9ceb137a24 Bali_06_R2_fastq.gz 21.6M 7dd45a82317f86e6f55b5d7078e56df0 Bali_07_R1_fastq.gz 7.3M c01ca3be33339e712e7ecb818339b9b5e1 Bali_07_R2_fastq.gz 11.0M 7ed95ce08d6a29a3b68c1a9856bc14db Bali_08_R1_fastq.gz 6.1M 585500c926c2ef39e07253a8683e2e23 Bali_08_R2_fastq.gz 8.8M 3df0f29fe6a4a7fe0a5ldf9a35e4274b Bali_09_R1_fastq.gz 8.9M 1231b4b075bcd59734e57359db49657 Bali_09_R2_fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a3511672 Bali_10_R1_fastq.gz 6.5M 82131dd9a016645cc809f2cd69f65b9d Bali_10_R2_fastq.gz 9.4M f283074bbbd634c25f112040dc21c8b7 Bali_11_R1_fastq.gz 7.7M 536d80ba36eaf22f1cd3fbf6c5a6b24d Bali_11_R2_fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_12_R1_fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R2_fastq.gz 9.1M ada9d5f09ab859c20cclff6ffff3a73b5 Bali_13_R1_fastq.gz 6.0M d34a444505311cb03267325dac2a2a84d <td>Bali_04_R2.fastq.gz</td> <td>9.6M</td> <td>08fced592dfe71f4f46bd18be72d0bc4</td>	Bali_04_R2.fastq.gz	9.6M	08fced592dfe71f4f46bd18be72d0bc4
Bali_06_R1.fastq.gz 15.4M 905f934ada6038c4b0b61e9ceb137a24 Bali_06_R2.fastq.gz 21.6M 7dd45a82317f86e6f55b5d7078e56df0 Bali_07_R1.fastq.gz 7.3M c01ca3be33339e712e7ecb81839b9b5e1 Bali_07_R2.fastq.gz 11.0M 7ed95ce08d6a29a3b68c1a9856bc14db Bali_08_R1.fastq.gz 6.1M 585500c926c2ef39e07253a8683e2e23 Bali_08_R2.fastq.gz 8.8M 3df0f29fe6a4a7fe0a51df9a35e4274b Bali_09_R1.fastq.gz 8.9M 1231b4b075bcd59734e57359ddb49657 Bali_09_R2.fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a3511672 Bali_10_R1.fastq.gz 6.5M 82131dd9a016645cc809f2cd69f65b9d Bali_10_R2.fastq.gz 9.4M f283074bbbd634c25f112040dc21c8b7 Bali_11_R1.fastq.gz 7.7M 536d80ba36eaf22f1cd3fbf6c5a6b24d Bali_11_R2.fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_12_R1.fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R2.fastq.gz 9.1M ada9d5f09ab859c20ccff67f6f3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_14_R2.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c	Bali_05_R1.fastq.gz	6.5M	f30a6bdea99a3687e5ccb6ea0dc94f57
Bali_06_R2.fastq.gz 21.6M 7dd45a82317f86e6f55b5d7078e56df0 Bali_07_R1.fastq.gz 7.3M c01ca3be3339e712e7ecb81839b9b5e1 Bali_07_R2.fastq.gz 11.0M 7ed95ce08d6a29a3b68c1a9856bc14db Bali_08_R1.fastq.gz 6.1M 585500c926c2ef39e07253a8683e2e23 Bali_08_R2.fastq.gz 8.8M 3df0f29fe6a4a7fe0a5ldf9a35e4274b Bali_09_R1.fastq.gz 8.9M 123lb4b075bcd59734e57359ddb49657 Bali_09_R2.fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a3511672 Bali_10_R1.fastq.gz 6.5M 8213ldd9a016645cc809f2cd69f65b9d Bali_10_R2.fastq.gz 9.4M f283074bbbd634c25f112040dc21c8b7 Bali_11_R1.fastq.gz 7.7M 536d80ba36eaf22f1cd3fbf6c5a6b24d Bali_11_R1.fastq.gz 6.2M 7a81949afd0386de9e3b39192e3cd6 Bali_12_R1.fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R2.fastq.gz 9.1M ada9d5f09ab859c20cc1f676ff3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R2.fastq.gz 8.8M 66bafe28aff53c95ebf9854f4796dc3c <	Bali_05_R2.fastq.gz	9.6M	d4f38db25247495ff9ed4539cf16d514
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Bali_07_R2.fastq.gz 11.0M 7ed95ce08d6a29a3b68c1a9856bc14db Bali_08_R1.fastq.gz 6.1M 585500c926c2ef39e07253a8683e2e23 Bali_08_R2.fastq.gz 8.8M 3df0f29fe6a4a7fe0a5ldf9a35e4274b Bali_09_R1.fastq.gz 8.9M 1231b4b075bcd59734e57359ddb49657 Bali_09_R2.fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a3511672 Bali_10_R1.fastq.gz 6.5M 8213ldd9a016645cc809f2cd69f65b9d Bali_10_R2.fastq.gz 9.4M f283074bbbd634c25f112040dc21c8b7 Bali_11_R1.fastq.gz 7.7M 536d80ba36eaf22flcd3fbf6c5a6b24d Bali_11_R2.fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_11_R2.fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R1.fastq.gz 9.1M ada9d5f09ab859c20cc1f676ff3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 5.8M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2	Bali_06_R2.fastq.gz	21.6M	7dd45a82317f86e6f55b5d7078e56df0
Bali_08_R1.fastq.gz 6.1M 585500c926c2ef39e07253a8683e2e23 Bali_08_R2.fastq.gz 8.8M 3df0f29fe6a4a7fe0a51df9a35e4274b Bali_09_R1.fastq.gz 8.9M 1231b4b075bcd59734e57359ddb49657 Bali_09_R2.fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a3511672 Bali_10_R1.fastq.gz 6.5M 82131dd9a016645cc809f2cd69f65b9d Bali_10_R2.fastq.gz 9.4M f283074bbbd634c25f112040dc21c8b7 Bali_11_R1.fastq.gz 7.7M 536d80ba36eaf22f1cd3fbf6c5a6b24d Bali_11_R2.fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_12_R1.fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R2.fastq.gz 9.1M ada9d5f09ab859c20cc1f676ff3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_15_R2.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947	Bali_07_R1.fastq.gz	7.3M	c01ca3be3339e712e7ecb81839b9b5e1
Bali_08_R2.fastq.gz 8.8M 3df0f29fe6a4a7fe0a5idf9a35e4274b Bali_09_R1.fastq.gz 8.9M 123lb4b075bcd59734e57359ddb49657 Bali_09_R2.fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a3511672 Bali_10_R1.fastq.gz 6.5M 8213ldd9a016645cc809f2cd69f65b9d Bali_10_R2.fastq.gz 9.4M f283074bbbd634c25f112040dc21c8b7 Bali_11_R1.fastq.gz 7.7M 536d80ba36eaf22f1cd3fbf6c5a6b24d Bali_11_R2.fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_12_R1.fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R2.fastq.gz 9.1M ada9d5f09ab859c20cc1f676ff3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d	Bali_07_R2.fastq.gz	11.0M	7ed95ce08d6a29a3b68c1a9856bc14db
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Bali_09_R2.fastq.gz 12.7M 5fe4fa8ca876f47d2f4a6e77a3511672 Bali_10_R1.fastq.gz 6.5M 8213Idd9a016645cc809f2cd69f65b9d Bali_10_R2.fastq.gz 9.4M f283074bbbd634c25f1l2040dc2lc8b7 Bali_11_R1.fastq.gz 7.7M 536d80ba36eaf22f1cd3fbf6c5a6b24d Bali_11_R2.fastq.gz 10.8M 177fbf8466f90386de9e3b39192e3cd6 Bali_12_R1.fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R2.fastq.gz 9.1M ada9d5f09ab859c20cct1f676ff3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905	Bali_08_R2.fastq.gz	8.8M	3df0f29fe6a4a7fe0a51df9a35e4274b
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Bali_12_R1.fastq.gz 6.2M 7a81949afd038d4b477baeba2f53c466 Bali_12_R2.fastq.gz 9.1M ada9d5f09ab859c20cc1f676ff3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_11_R1.fastq.gz	7.7M	536d80ba36eaf22f1cd3fbf6c5a6b24d
Bali_12_R2.fastq.gz 9.1M ada9d5f09ab859c20cc1f676ff3a73b5 Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_11_R2.fastq.gz	10.8M	177fbf8466f90386de9e3b39192e3cd6
Bali_13_R1.fastq.gz 6.0M d34a444505311cb03267325dac2ae84d Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 4lf2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_12_R1.fastq.gz	6.2M	7a81949afd038d4b477baeba2f53c466
Bali_13_R2.fastq.gz 8.8M a858e9f3c2cd3ca64239d96857ef7ac2 Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_12_R2.fastq.gz	9.1M	ada9d5f09ab859c20cc1f676ff3a73b5
Bali_14_R1.fastq.gz 5.8M 66bafe28aff53c95ebf9854f4796dc3c Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_13_R1.fastq.gz	6.0M	d34a444505311cb03267325dac2ae84d
Bali_14_R2.fastq.gz 8.6M 5a7858e02354fe68b9b6428033bddb4e Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_13_R2.fastq.gz	8.8M	a858e9f3c2cd3ca64239d96857ef7ac2
Bali_15_R1.fastq.gz 5.9M 9b52f3c4174d7b576da1152e4c6cb9a2 Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_14_R1.fastq.gz	5.8M	66bafe28aff53c95ebf9854f4796dc3c
Bali_15_R2.fastq.gz 8.7M 41f2d6c0beb5205239e0b6fdeefcee58 Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_14_R2.fastq.gz	8.6M	5a7858e02354fe68b9b6428033bddb4e
Bali_16_R1.fastq.gz 5.2M bd9f88d4a53243ba7f42a447d7013947 Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_15_R1.fastq.gz	5.9M	9b52f3c4174d7b576da1152e4c6cb9a2
Bali_16_R2.fastq.gz 7.5M 6ee6c59b84c5148e305d8f983893453d Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_15_R2.fastq.gz	8.7M	41f2d6c0beb5205239e0b6fdeefcee58
Banggai_01_R1.fastq.gz 6.6M cd13a99c8c9f8e1a63ac96c50c902905 Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_16_R1.fastq.gz	5.2M	bd9f88d4a53243ba7f42a447d7013947
Banggai_01_R2.fastq.gz 9.2M ecd305ff994a0a27ecd4166a1c92ce01	Bali_16_R2.fastq.gz	7.5M	6ee6c59b84c5148e305d8f983893453d
30 10	Banggai_01_R1.fastq.gz	6.6M	cd13a99c8c9f8e1a63ac96c50c902905
Banggai_02_R1.fastq.gz 6.7M 6d7bfa0290b9ecc8d60de407376af670	Banggai_01_R2.fastq.gz	9.2M	ecd305ff994a0a27ecd4166a1c92ce01
	Banggai_02_R1.fastq.gz	6.7M	6d7bfa0290b9ecc8d60de407376af670



Banggai_02_R2.fastq.gz	9.6M	59bea4dcf58a61806557cd4945d4d1e3
Banggai_03_R1.fastq.gz	6.7M	e050b462a07d82fcb649f7ad4ad523a9
Banggai_03_R2.fastq.gz	9.5M	b84d2565d8a31a0c0db8a1b3513e3616
Banggai_04_R1.fastq.gz	4.4M	619f8b1cf08393a6c169342f2ec941ff
Banggai_04_R2.fastq.gz	6.4M	d5b3cce6df8d72e50ff7f6407f9c4128
Banggai_05_R1.fastq.gz	7.4M	6b8d41f1a22c4fc4a7be929344cc21b4
Banggai_05_R2.fastq.gz	10.6M	33b088cc09b06491c4cb2fa5426e1a25
Banggai_06_R1.fastq.gz	6.8M	ccbf7eb1c0d0271e49df4cb2fe16be3b
Banggai_06_R2.fastq.gz	9.7M	e504bf9a34958c455274dbd024ffd38c
Banggai_07_R1.fastq.gz	9.1M	8abe0b693cc06ea0c7e8b316a4cfbc08
Banggai_07_R2.fastq.gz	12.9M	fa80641d9fb8d333c03b0e15af22bf93
Banggai_08_R1.fastq.gz	7.6M	cbd0df468737480801093b7939481cf0
Banggai_08_R2.fastq.gz	10.8M	9d7b29b184fc72823d244805c5d8e53f
Banggai_09_R1.fastq.gz	6.1M	b774644e7292b8c1be83779f9259e799
Banggai_09_R2.fastq.gz	8.8M	5fc6a1d5d46b8df883c13f7e104fa316
Banggai_10_R1.fastq.gz	6.1M	ad9b4f91016578527073e7bb027d1f1f
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Banggai_11_R1.fastq.gz	5.7M	06a33537bbf0667123a45f325655b0c9
Banggai_11_R2.fastq.gz	8.0M	f03fbffca9a9c014344c1be8e94da4b4
Banggai_12_R1.fastq.gz	5.2M	7f24ff86aa581469f05540b5ba5849ba
Banggai_12_R2.fastq.gz	7.6M	42a1d737ebc0f34bfe89ef3840c263e4
Banggai_13_R1.fastq.gz	7.0M	0347a4b6aa871ee31e2d89e801d59da2
Banggai_13_R2.fastq.gz	10.0M	87a7f29187472390a2c68229c1a6ce5f
Banggai_14_R1.fastq.gz	8.9M	20d7ffc418c25b2a90e87de6bc94d4b0
Banggai_14_R2.fastq.gz	12.9M	98624173f0948d437dc9e2204e05f097
Banggai_15_R1.fastq.gz	8.6M	a9a8a8d398b10c3ebd6bcdcf2ea75200
Banggai_15_R2.fastq.gz	12.5M	4e2ddbaffe9cc5ae42a7b5ee4f6d30c6
Banggai_16_R1.fastq.gz	8.2M	21e1dd31579b551f7c00c8dba2cc76ec
Banggai_16_R2.fastq.gz	11.8M	e3583d44596786e9ec3a564e8b2ad055
Bangka_01_R1.fastq.gz	5.8M	c8a62966d5c68da32a2b210276ecf1af
Bangka_01_R2.fastq.gz	8.4M	337502c0d2ab1ef66003fda23c67a7ec
Bangka_02_R1.fastq.gz	7.4M	ace77f94c15d293ba8542d3abac7c340
Bangka_02_R2.fastq.gz	10.5M	9b0ca9e0d306207b7617339a7fbd9fe2
Bangka_03_R1.fastq.gz	10.4M	acc6b2fc350e75b11fdaa45c6735a475
	14.03.6	ccdabf5ec1aa32dbf8168167e3100bfc
Bangka_03_R2.fastq.gz	14.8M	
Bangka_03_R2.fastq.gz Bangka_04_R1.fastq.gz	14.8M 10.8M	684a1053787999569ffb2818260197fc



Bangka_05_R2.fastq.gz 17.7M Bangka_06_R1.fastq.gz 9.6M Bangka_06_R2.fastq.gz 13.8M Bangka_07_R1.fastq.gz 7.0M Bangka_07_R2.fastq.gz 10.6M Bangka_08_R1.fastq.gz 10.1M	5638ab12885e7ef43ce50dc680600c15 a8a9b84ffac69b27a84e5b3bcae3924c edbcc513ae7d7397c5f58e02a2a8451a
Bangka_06_R2.fastq.gz 13.8M Bangka_07_R1.fastq.gz 7.0M Bangka_07_R2.fastq.gz 10.6M	edbcc513ae7d7397c5f58e02a2a8451a
Bangka_07_R1.fastq.gz 7.0M Bangka_07_R2.fastq.gz 10.6M	
Bangka_07_R2.fastq.gz 10.6M	007 070 446004614700 06471 4 00 0
	225c253e44f234fd1508a2f45b4a93c9
Rangles 09 P1 factor oz 10 1M	78835621e650ac43449e3b7a53a9bd77
bangka_0o_ki.iastq.gz io.iw	d7d31f95d27c4889e37ee845cd018625
Bangka_08_R2.fastq.gz 14.2M	b214acf7d2de3b35d22d99164c93052d
Bangka_09_R1.fastq.gz 6.2M	fe088443e0e1ecab2dde9652f41906ea
Bangka_09_R2.fastq.gz 9.1M	29d86b8aa0cb98ddf5e73fabcdc6f47d
Bangka_10_R1.fastq.gz 9.0M	7bfc21abeab7bd421f2dfc3bb4dd8434
Bangka_10_R2.fastq.gz 13.2M	9c3e0f901127ef78e1bf70a380824b22
Bangka_11_R1.fastq.gz 5.6M	f8c4ec4302f5fc043ac45be760a1f596
Bangka_11_R2.fastq.gz 8.4M	217014c32d287918f95606d31b2515c6
Bangka_12_R1.fastq.gz 8.8M	82b7aaffc6053628a67b9f2a26b66dde
Bangka_12_R2.fastq.gz 12.6M	a6b4c8936deb44f9258ab5eb3c3b8ba8
Bangka_13_R1.fastq.gz 9.8M	91369f703fb61ab3d37927035601ef79
Bangka_13_R2.fastq.gz 14.7M	fd3731efbf8358e88b36e159163cd1e8
Bangka_14_R1.fastq.gz 9.0M	0a276b5f3d866ff7a9feffc0773b3357
Bangka_14_R2.fastq.gz 13.7M	c15c7b6f301a4defca5ff24ec535f68d
Bangka_15_R1.fastq.gz 12.0M	9f61ffcf949755569816fbaa27a9fb84
Bangka_15_R2.fastq.gz 17.8M	a744a8adc883d96214063c09c186dd5c
Bangka_16_R1.fastq.gz 9.8M	6d163dc728cd0e4cfd960d3a09525105
Bangka_16_R2.fastq.gz 14.2M	9a4ef0616e13b0c8b442b4a8960d00cf
Belitung_01_R1.fastq.gz 7.6M	93dfd44f6902de5101d9a9c9a9595f53
Belitung_01_R2.fastq.gz 10.8M	983aef71782115fe64bdb407a44b52ef
Belitung_02_R1.fastq.gz 10.2M	d707feba4d72a603b926b76103ad6da0
Belitung_02_R2.fastq.gz 14.1M	47c23a85d0f66ad0e949a44daa22bf9d
Belitung_03_R1.fastq.gz 14.5M	b63e694869ca53184dc537227b017286
Belitung_03_R2.fastq.gz 20.1M	a524a69e8ee6603a49dcc6e291db852f
Belitung_04_R1.fastq.gz 13.6M	446b4306a458fc58b2739f0f0b2b38d9
Belitung_04_R2.fastq.gz 19.3M	5567d09b3dc75df21e68cf97e901aa40
Belitung_05_R1.fastq.gz 13.7M	5d02453e1f875cb0d7d9e215bb416d62
Belitung_05_R2.fastq.gz 19.7M	4dd610ea0e8fd6b111638cf7400023f6
Belitung_06_R1.fastq.gz 10.6M	5e7d05849e89ad56a1488149921dc61f
Belitung_06_R2.fastq.gz 15.3M	6bdf916e4266df4ed8b86f1a133056b0
Belitung_07_R1.fastq.gz 9.8M	a2c2a9ca8554816cd20d478db1adf9d8
Belitung_07_R2.fastq.gz 13.4M	c15af0efddf241ec3295491a8087682f
Belitung_08_R1.fastq.gz 19.5M	19ae0b933ff3f0d6bc23726af3b79e51



Belitung_08_R2.fastq.gz	26.8M	416d8a166012539dfa45420e6b8a8133
Belitung_09_R1.fastq.gz	10.2M	9b39ecc18b9064ce4ad63bb5776de6e7
Belitung_09_R2.fastq.gz	14.3M	52aff11892f563c5a00e19b273f917ab
Belitung_10_R1.fastq.gz	10.7M	b32ca0405a9d70dcf5e0bd30a7acbe12
Belitung_10_R2.fastq.gz	15.1M	362ad6fb0c5cb59f3b3da9af2f8b5083
Belitung_11_R1.fastq.gz	9.5M	263d1be3aaa9f7f3dc1256b427f18b58
Belitung_11_R2.fastq.gz	13.6M	bdea382c33f03f3189dda7fcef064082
Belitung_12_R1.fastq.gz	6.8M	e594b3f6c10779a3d170961644a43da2
Belitung_12_R2.fastq.gz	9.8M	ea885ac9a533b99df874b208615b37d7
Belitung_13_R1.fastq.gz	9.0M	613eccb7e9a3a965cd6a6a2845a6048c
Belitung_13_R2.fastq.gz	12.8M	bf226721d56b033a03a30bcf90c143ee
Belitung_14_R1.fastq.gz	10.0M	73e007842903788b499cbefad763749c
Belitung_14_R2.fastq.gz	14.1M	f9ca7a3d995be38fa35440a2e030211b
Belitung_15_R1.fastq.gz	10.4M	6303262e9818803e6dda7457190022ea
Belitung_15_R2.fastq.gz	14.9M	e179d869eca95d3565668ebbb1e5dd90
Belitung_16_R1.fastq.gz	10.4M	73b5b21cd479b21735fb147c12d3daa8
Belitung_16_R2.fastq.gz	15.0M	7c914cf8fac62f725f0e46cebf6850db
Blank_03_R1.fastq.gz	389	0672ab3521aabc4a772d4fb3118619cb
Blank_03_R2.fastq.gz	384	b5ce1e544938b75fe78963464247ad84
Blank_04_R1.fastq.gz	341	50cfd38e3efb5060f5f1776cf9299fdc
Blank_04_R2.fastq.gz	369	f55b29c08129b52699e508ea7dfad8c4
Blank_07_R1.fastq.gz	306	fb5a956d2bc445c60db7b71c5ec9dd2c
Blank_07_R2.fastq.gz	380	d67a8e23e7e4d37e9eaa18c3f0f75355
Derawan_01_R1.fastq.gz	5.4M	b05f193ed394f16f31627912a8cbf787
Derawan_01_R2.fastq.gz	7.8M	90e9ad4efd3d422f03f41566ee4904dd
Derawan_02_R1.fastq.gz	7.1M	464134bf275ffc4f6983b839bbb77d86
Derawan_02_R2.fastq.gz	9.9M	402f055e0d532a395f793274021ee8ab
Derawan_03_R1.fastq.gz	5.5M	ac4ac34beddb63b034cca34d7fd4985e
Derawan_03_R2.fastq.gz	7.8M	bf71e44ab8d10ac0e302ba98e778280f
Derawan_04_R1.fastq.gz	7.4M	42125648929069b3b60d1644ed3a833f
Derawan_04_R2.fastq.gz	10.6M	13d304d8cb52ebf3ad0132d3025f44c1
Derawan_05_R1.fastq.gz	7.6M	f41905e14b792e3393880a992ad465fb
Derawan_05_R2.fastq.gz	11.0M	08bd06b6eeb1fd553ac14e10b1a47366
Derawan_06_R1.fastq.gz	8.4M	0a072ce3732809621168b5670f046e90
Derawan_06_R2.fastq.gz	12.0M	c7bbdd71e07432e8520d2cdee662bc98
	T.03.6	df4d9ab6ffe0988c019830f1e874f2ea
Derawan_07_R1.fastq.gz	7.0M	u14u3ab011c0366c01363011c67412ca
Derawan_07_R1.fastq.gz Derawan_07_R2.fastq.gz	10.0M	bac8672d3182111322fcc8af1c3373a8



Derawan_08_R2.fastq.gz			
Derawan_09_R2_fastq.gz	Derawan_08_R2.fastq.gz	13.6M	ffea17c81f2e4e3644ca188d47843043
Derawan_10_R2.fastq.gz	Derawan_09_R1.fastq.gz	8.4M	1b08b4d56ce1d84d4121c500b2cbf1e7
Derawan_10_R2.fastq.gz	Derawan_09_R2.fastq.gz	12.3M	b3a26e008c8445945770ccdc6cdf2b94
Derawan_II_RI.fastq.gz	Derawan_10_R1.fastq.gz	8.1M	0db43e4ee7d07eee203840f4967adb97
Derawan_11_R2_fastq.gz	Derawan_10_R2.fastq.gz	11.3M	06fab97a745a5d9b05c385a81e7b6f08
Derawan_12_R1.fastq.gz 7.3M 6c0f6e056a42f9eaaef5fd428b545082 Derawan_12_R2_fastq.gz 10.5M 931eb08acb2b5b8daaa9db921467d477 Derawan_13_R1.fastq.gz 9.9M c31808560df9ea490ee14a44cbabb490 Derawan_13_R2_fastq.gz 14.0M d2b1ff0fafd4fe759e9cfc279126a8b0 Derawan_14_R1.fastq.gz 10.3M c4lbd5d63c210ef4fac28658abe876e9 Derawan_14_R2.fastq.gz 14.7M f5b5c1c9e7d4d763eef400616eda4832 Derawan_15_R1.fastq.gz 14.1M 7f2b3679cc3b2bd4a083f784b374275 Derawan_15_R2.fastq.gz 14.1M 7f2b3679cc3b2bd4a083f784b374275 Derawan_16_R1.fastq.gz 8.1M dfdbc9d739635f63bf59d9b53a4ab64 Derawan_16_R2.fastq.gz 11.7M cf827323b00e8c0a4500baeb8d70a10d Halmahera_01_R2.fastq.gz 12.7M 596b850e1a751901afe602bb268e2a7e Halmahera_01_R2.fastq.gz 12.7M 596b850e1a751901afe602bb268e2a7e Halmahera_02_R1.fastq.gz 9.5M a4b320753a45f0304c42f97fca92e90 Halmahera_02_R2.fastq.gz 13.4M 8fac716902827e4dec560635a798deed Halmahera_03_R1.fastq.gz 13.4M 8fac716902827e4dec56063232a573122a2dbe0a Halmahera_04_R1.fastq.gz	Derawan_11_R1.fastq.gz	12.8M	8155d686c65271eb0dbf13347139ce5a
Derawan_12_R2_fastq_gz	Derawan_11_R2.fastq.gz	17.9M	901bb1a214c4b71293d9b743d8ecf9e7
Derawan_13_RLfastq.gz	Derawan_12_R1.fastq.gz	7.3M	6c0f6e056a42f9eaaef5fd428b545082
Derawan_13_R2.fastq.gz	Derawan_12_R2.fastq.gz	10.5M	931eb08acb2b5b8daaa9db921467d477
Derawan_14_Rl.fastq.gz	Derawan_13_R1.fastq.gz	9.9M	c31808560df9ea490ee14a44cbabb490
Derawan_14_R2_fastq.gz	Derawan_13_R2.fastq.gz	14.0M	d2b1ff0fafd4fe759e9cfc279126a8b0
Derawan_15_Rl.fastq.gz 9.9M 9adb42c77744586a6le442laed4448ea Derawan_15_R2.fastq.gz 14.1M 7ff2b3679cc3b2bd4a083f784b374275 Derawan_16_R1.fastq.gz 8.1M dfdbc9d739635f6f3bf59d9b53a4ab64 Derawan_16_R2.fastq.gz 11.7M cf827323b00e8c0a4500baeb8d70a10d Halmahera_01_Rl.fastq.gz 8.9M 6425ed42823b64b7463d5ea664e030e3 Halmahera_01_R2.fastq.gz 12.7M 596b850e1a751901afe602bb268e2a7e Halmahera_02_R1.fastq.gz 9.5M a4b320753a451f0304c42f97fca92e90 Halmahera_02_R2.fastq.gz 13.4M 8fac716902827e4dec560635a798deed Halmahera_03_R1.fastq.gz 6.6M 0420bcleac76836232a573122a2dbe0a Halmahera_03_R2.fastq.gz 9.9M 5737abdd4b147c2daed1b9c316bd43d1 Halmahera_04_R1.fastq.gz 10.2M 7fc2d986ef8cd30fe79e20bcd9bedddb Halmahera_04_R2.fastq.gz 14.8M 5bb828d28d95ce2926e4a33d90999dfe Halmahera_05_R1.fastq.gz 6.4M 7284e8350f25b899495413508688bc4c Halmahera_05_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9f1aed2 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9f1aed2 Halmahera_08_R1.fastq.gz <td>Derawan_14_R1.fastq.gz</td> <td>10.3M</td> <td>c41bd5d63c210ef4fac28658abe876e9</td>	Derawan_14_R1.fastq.gz	10.3M	c41bd5d63c210ef4fac28658abe876e9
Derawan_15_R2.fastq.gz 14.1M 7ff2b3679cc3b2bd4a083f784b374275 Derawan_16_R1.fastq.gz 8.1M dfdbc9d739635f6f3bf59d9b53a4ab64 Derawan_16_R2.fastq.gz 11.7M cf827323b00e8c0a4500baeb8d70a10d Halmahera_01_R1.fastq.gz 8.9M 6425ed42823b64b7463d5ea664e030e3 Halmahera_01_R2.fastq.gz 12.7M 596b850e1a751901afe602bb268e2a7e Halmahera_02_R1.fastq.gz 9.5M a4b320753a451f0304c42f97fca92e90 Halmahera_02_R2.fastq.gz 13.4M 8fac716902827e4dec560635a798deed Halmahera_03_R1.fastq.gz 6.6M 0420bc1eac76836232a573122a2dbe0a Halmahera_03_R2.fastq.gz 9.9M 5737abdd4b147c2daed1b9c316bd43d1 Halmahera_04_R1.fastq.gz 10.2M 7fc2d986ef8cd30fe79e20bcd9bedddb Halmahera_04_R2.fastq.gz 14.8M 5bb828d28d95ce2926e4a33d90999dfe Halmahera_05_R1.fastq.gz 6.4M 7284e8350f25b899495413508688bc4c Halmahera_05_R2.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9flaed2 Halmahera_08_R2.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_09_R1.fastq.gz </td <td>Derawan_14_R2.fastq.gz</td> <td>14.7M</td> <td>f5b5c1c9e7d4d763eef400616eda4832</td>	Derawan_14_R2.fastq.gz	14.7M	f5b5c1c9e7d4d763eef400616eda4832
Derawan_16_Rl.fastq.gz 8.1M dfdbc9d739635f6f3bf59d9b53a4ab64 Derawan_16_R2.fastq.gz 11.7M cf827323b00e8c0a4500baeb8d70a10d Halmahera_01_R1.fastq.gz 8.9M 6425ed42823b64b7463d5ea664e030e3 Halmahera_01_R2.fastq.gz 12.7M 596b850e1a751901afe602bb268e2a7e Halmahera_02_R1.fastq.gz 9.5M a4b320753a451f0304c42f97fca92e90 Halmahera_02_R2.fastq.gz 13.4M 8fac716902827e4dec560635a798deed Halmahera_03_R1.fastq.gz 6.6M 0420bcleac76836232a573122a2dbe0a Halmahera_03_R2.fastq.gz 9.9M 5737abdd4b147c2daed1b9c316b43d1 Halmahera_04_R1.fastq.gz 10.2M 7fc2d986ef8cd30fe79e20bcd9bedddb Halmahera_04_R2.fastq.gz 14.8M 5b828d28d95ce2926e4a33d90999dfe Halmahera_05_R1.fastq.gz 6.4M 7284e8350f25b899495413508688bc4c Halmahera_05_R2.fastq.gz 9.1M 78580a85ffa016fe74ddbd10ed5a631d Halmahera_06_R1.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9flaed2 Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a325 Halmahera_09_R2.fastq.gz <td>Derawan_15_R1.fastq.gz</td> <td>9.9M</td> <td>9adb42c77744586a61e4421aed4448ea</td>	Derawan_15_R1.fastq.gz	9.9M	9adb42c77744586a61e4421aed4448ea
Derawan_16_R2.fastq.gz	Derawan_15_R2.fastq.gz	14.1M	7ff2b3679cc3b2bd4a083f784b374275
Halmahera_01_Rl.fastq.gz 8.9M 6425ed42823b64b7463d5ea664e030e3 Halmahera_01_R2.fastq.gz 12.7M 596b850e1a751901afe602bb268e2a7e Halmahera_02_R1.fastq.gz 9.5M a4b320753a451f0304c42f97fca92e90 Halmahera_02_R2.fastq.gz 13.4M 8fac716902827e4dec560635a798deed Halmahera_03_R1.fastq.gz 6.6M 0420bc1eac76836232a573122a2dbe0a Halmahera_03_R2.fastq.gz 9.9M 5737abdd4b147c2daed1b9c316bd43d1 Halmahera_04_R1.fastq.gz 10.2M 7fc2d986ef8cd30fe79e20bcd9bedddb Halmahera_04_R2.fastq.gz 14.8M 5bb828d28d95ce2926e4a33d90999dfe Halmahera_05_R1.fastq.gz 6.4M 7284e8350f25b899495413508688bc4c Halmahera_05_R2.fastq.gz 9.1M 78580a85ffa016fe744dbd10ed5a631d Halmahera_06_R1.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9f1aed2 Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_08_R1.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R2.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_09_R1.fastq	Derawan_16_R1.fastq.gz	8.1M	dfdbc9d739635f6f3bf59d9b53a4ab64
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Halmahera_04_R1.fastq.gz 10.2M 7fc2d986ef8cd30fe79e20bcd9bedddb Halmahera_04_R2.fastq.gz 14.8M 5bb828d28d95ce2926e4a33d90999dfe Halmahera_05_R1.fastq.gz 6.4M 7284e8350f25b899495413508688bc4c Halmahera_05_R2.fastq.gz 9.1M 78580a85ffa016fe744dbd10ed5a631d Halmahera_06_R1.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9flaed2 Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_03_R1.fastq.gz	6.6M	0420bc1eac76836232a573122a2dbe0a
Halmahera_04_R2.fastq.gz 14.8M 5bb828d28d95ce2926e4a33d90999dfe Halmahera_05_R1.fastq.gz 6.4M 7284e8350f25b899495413508688bc4c Halmahera_05_R2.fastq.gz 9.1M 78580a85ffa016fe744dbd10ed5a631d Halmahera_06_R1.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9flaed2 Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_03_R2.fastq.gz	9.9M	5737abdd4b147c2daed1b9c316bd43d1
Halmahera_05_R1.fastq.gz 6.4M 7284e8350f25b899495413508688bc4c Halmahera_05_R2.fastq.gz 9.1M 78580a85ffa016fe744dbd10ed5a631d Halmahera_06_R1.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9flaed2 Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_04_R1.fastq.gz	10.2M	7fc2d986ef8cd30fe79e20bcd9bedddb
Halmahera_05_R2.fastq.gz 9.1M 78580a85ffa016fe744dbd10ed5a631d Halmahera_06_R1.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9f1aed2 Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_04_R2.fastq.gz	14.8M	5bb828d28d95ce2926e4a33d90999dfe
Halmahera_06_R1.fastq.gz 9.6M e6eaa57fa39c9de8395f9726aa1b8e90 Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9f1aed2 Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_05_R1.fastq.gz	6.4M	7284e8350f25b899495413508688bc4c
Halmahera_06_R2.fastq.gz 13.5M fc1acc5942e051b576c9bd2be9f1aed2 Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_05_R2.fastq.gz	9.1M	78580a85ffa016fe744dbd10ed5a631d
Halmahera_07_R1.fastq.gz 7.9M 9cbe15ac258cf96a90b56c18488ee99f Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_06_R1.fastq.gz	9.6M	e6eaa57fa39c9de8395f9726aa1b8e90
Halmahera_07_R2.fastq.gz 11.3M 6bbfecb629857b67410026508745a3a5 Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_06_R2.fastq.gz	13.5M	fc1acc5942e051b576c9bd2be9f1aed2
Halmahera_08_R1.fastq.gz 15.0M 5867dae593b31dc2fb52cde68230d0f4 Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_07_R1.fastq.gz	7.9M	9cbe15ac258cf96a90b56c18488ee99f
Halmahera_08_R2.fastq.gz 21.4M ec7489fc5cbf6dcbc82e653c45bf02f8 Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_07_R2.fastq.gz	11.3M	6bbfecb629857b67410026508745a3a5
Halmahera_09_R1.fastq.gz 8.8M ec8a556fc896fe8640610c98e8bd31ca Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_08_R1.fastq.gz	15.0M	5867dae593b31dc2fb52cde68230d0f4
Halmahera_09_R2.fastq.gz 13.1M 291e1b79fecfa16176977e31ab9b3b97 Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_08_R2.fastq.gz	21.4M	ec7489fc5cbf6dcbc82e653c45bf02f8
Halmahera_10_R1.fastq.gz 12.6M 3a0cb34f3ba6573ffc300f5865aa6e39 Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_09_R1.fastq.gz	8.8M	ec8a556fc896fe8640610c98e8bd31ca
Halmahera_10_R2.fastq.gz 18.7M 99a9793da725b6b7c7ea86db01058daf	Halmahera_09_R2.fastq.gz	13.1M	291e1b79fecfa16176977e31ab9b3b97
10	Halmahera_10_R1.fastq.gz	12.6M	3a0cb34f3ba6573ffc300f5865aa6e39
Halmahera_11_R1.fastq.gz 11.5M 54ea88119e8fc076b97acc828eba481e	Halmahera_10_R2.fastq.gz	18.7M	99a9793da725b6b7c7ea86db01058daf
	Halmahera_11_R1.fastq.gz	11.5M	54ea88119e8fc076b97acc828eba481e



Halmahera_11_R2.fastq.gz	16.9M	8f582eaa7cae5ac1c5ddf1d2adc16028
Halmahera_12_R1.fastq.gz	8.2M	fd7ff3326e8ffbd71722e88b0340d9eb
Halmahera_12_R2.fastq.gz	12.0M	347183f97555ef08be7985e50d776a91
Halmahera_13_R1.fastq.gz	11.4M	d652a5f0efef563ecfed09ff3e92fea5
Halmahera_13_R2.fastq.gz	16.5M	ae25051e84f6134a56fe5b4e7bb86076
Halmahera_14_R1.fastq.gz	11.4M	686325814a8c083818484a6420217b93
Halmahera_14_R2.fastq.gz	16.0M	1afc13338f4b24fbdb73b86f84e0ec01
Halmahera_15_R1.fastq.gz	5.8M	2b1a65895d6e295656f6175261e115ed
Halmahera_15_R2.fastq.gz	8.2M	856baef253bd259232f0e7b0bebf1227
Halmahera_16_R1.fastq.gz	11.1M	ff10eaaff1de77c42cb48ac49e4a5773
Halmahera_16_R2.fastq.gz	16.0M	b9db9664cf57c2f077a5bc9114fdd84a
Karimunjawa_01_R1.fastq.gz	6.9M	f1871ec93b6f2df03419bd7a75247452
Karimunjawa_01_R2.fastq.gz	10.0M	20a9212f302b40506662868af3d23d38
Karimunjawa_02_R1.fastq.gz	7.8M	69ddadf9914acda3b9389f8afb9d1ac8
Karimunjawa_02_R2.fastq.gz	10.9M	ff9a76dd417ed5784cf5caf87bf042e7
Karimunjawa_03_R1.fastq.gz	7.8M	e14afaa0d16466006d664abd001adc66
Karimunjawa_03_R2.fastq.gz	10.9M	3b9c79433427dfe34470c85e8f2506ca
Karimunjawa_04_R1.fastq.gz	6.5M	8c77547644675e22c708d806300ad3ed
Karimunjawa_04_R2.fastq.gz	9.2M	29a0946830587818dc79a4c40d43d927
Karimunjawa_05_R1.fastq.gz	6.6M	0c7df128ab5d950de178d15407f82a3e
Karimunjawa_05_R2.fastq.gz	9.4M	977e54d4a38a80be1ac63465e14dd5c5
Karimunjawa_06_R1.fastq.gz	8.5M	a24fb6ae5de43916a4386316f57a130f
Karimunjawa_06_R2.fastq.gz	11.8M	b7ab7d33fe5ce6b72133612282a77b0e
Karimunjawa_07_R1.fastq.gz	6.5M	dac4bd35e4dd1c78d0718994536eaead
Karimunjawa_07_R2.fastq.gz	9.3M	024fc618ac86d860a342d6134b754ff8
Karimunjawa_08_R1.fastq.gz	7.1M	6ff6c0d9509887afb5e8a0585ae19edd
Karimunjawa_08_R2.fastq.gz	10.1M	de5b3dc906a61c5e6619c0da8a15b9ed
Karimunjawa_09_R1.fastq.gz	7.0M	723038786f9f1b6b153a81d55f71eb4b
Karimunjawa_09_R2.fastq.gz	9.9M	5e84c9cd802a848cbaa2efbf26c9b140
Karimunjawa_10_R1.fastq.gz	6.2M	c6c16ef3b1ace26a14ba843a2d5d958a
Karimunjawa_10_R2.fastq.gz	8.7M	c8c2565508a3cd08dbc8de75cf00e298
Karimunjawa_11_R1.fastq.gz	8.4M	075e5900762efe4c738b5450b2af078b
Karimunjawa_11_R2.fastq.gz	11.7M	415d47f383c3161d95a8a8d140489cf6
Karimunjawa_12_R1.fastq.gz	8.4M	4609ac1d7ad193d8dcf206875a4581c8
Karimunjawa_12_R2.fastq.gz	11.8M	6caa511af0b7e95d198db6ba34e741ae
Karimunjawa_13_R1.fastq.gz	9.7M	3068cdcede15656c4b348f51eee06f6a
Karimunjawa_13_R2.fastq.gz	13.5M	983d2b43aa5842d45607e2db2ded46a1
Karimunjawa_14_R1.fastq.gz	15.1M	b5d2ec554c13afa1a23cbbd71bc3bc1b



Karimunjawa_14_R2_fastq.gz			
Karimunjawa_15_R2_fastq.gz	Karimunjawa_14_R2.fastq.gz	20.8M	109db17f14cf146f068844930469b997
Karimunjawa_ 16_Rl.fastq.gz	Karimunjawa_15_R1.fastq.gz	7.7M	f555f4b00dfc9325ea14f69b4540454e
Karimunjawa_16_R2.fastq.gz	Karimunjawa_15_R2.fastq.gz	10.8M	1a351b5733b0eca6ad45fe16e6f88585
Komodo_O1_R1.fastq.gz 13.9M d857ec50ae8eab1c158240ba1726ccc2 Komodo_O1_R2.fastq.gz 19.8M e3d463078d1520fcb333a65c637ed19f Komodo_O2_R1.fastq.gz 12.1M 9a99eb36a84cb3508aeab8dc8905197c Komodo_O2_R2.fastq.gz 17.1M ffc30d7cfa17ad69685c0b2e02b5ib86 Komodo_O3_R1.fastq.gz 12.2M 7095c181301204aac860db248cc59722 Komodo_O3_R2.fastq.gz 17.3M 486c66330eft03c34868924672acc9b0 Komodo_O4_R1.fastq.gz 9.8M c75d79078la030c28ec9e34c712b879a Komodo_O4_R2.fastq.gz 14.0M 5aeac90696e9c732ab50e82951fc6786 Komodo_O5_R1.fastq.gz 10.4M Ocf4eb430d0337690fb884ldbcb0402 Komodo_O6_R1.fastq.gz 10.6M 9dac9049d962e9edbaed38f6fb6c4f85 Komodo_O6_R1.fastq.gz 15.1M 1841291dbb4d7bb0c18e52aa1ecc5e86 Komodo_O7_R1.fastq.gz 15.1M 1841291dbb4d7bb0c18e52aa1ecc5e86 Komodo_O7_R2.fastq.gz 13.2M 6cf7a928da04b40195d109c17a257dff Komodo_O8_R1.fastq.gz 13.3M 567ce4ed37bbd6ed5472la28e2587ed6 Komodo_O8_R2.fastq.gz 15.2M 73e6ledd827bfce92f7bb0be91225bc7b Komodo_O9_R1.fastq.gz 6.5M <t< td=""><td>Karimunjawa_16_R1.fastq.gz</td><td>8.1M</td><td>249fd9e9a5083563127a53cf60267245</td></t<>	Karimunjawa_16_R1.fastq.gz	8.1M	249fd9e9a5083563127a53cf60267245
Komodo_O1_R2_fastq.gz 19.8M e3d463078d1520fcb335a65c637ed19f Komodo_O2_R1_fastq.gz 12.1M 9a99eb36a84cb3508aeab8dc8905197c Komodo_O2_R2_fastq.gz 17.1M ffc30d7cfa17ad69685c0b2e02b51b86 Komodo_O3_R2_fastq.gz 17.3M 486c6f330ef103c34868924672ace9b0 Komodo_O4_R2_fastq.gz 17.3M 486c6f330ef103c34868924672ace9b0 Komodo_O4_R2_fastq.gz 19.8M c75d790781a030c28ce9c34c712b879a Komodo_O4_R2_fastq.gz 14.0M 5aeac90696e9c732ab50c8e2951fc6786 Komodo_O5_R1_fastq.gz 10.4M 0cf4eb430d0337690fb8884ldbcb0402 Komodo_O5_R2_fastq.gz 10.4M 0cf4eb430d0337690fb8884ldbcb0402 Komodo_O6_R1_fastq.gz 10.6M 9dac9049d962e9edbaed38f6fb6c4f85 Komodo_O6_R1_fastq.gz 15.1M 184129ldbb407bb0c18e52aalece5e86 Komodo_O7_R1_fastq.gz 13.2M 6cf7a928da04b407bb0c18e52aalece5e86 Komodo_O7_R2_fastq.gz 13.2M 6cf7a928da04b40195d109c17a257dff Komodo_O8_R1_fastq.gz 15.3M 567ce4ed37bbd6ed54721a28e2587ed6 Komodo_O9_R1_fastq.gz 15.2M 73e6ledd827bfe92f7bb0be91225bc7b Komodo_O9_R1_fastq.gz 15.M	Karimunjawa_16_R2.fastq.gz	11.3M	47a817f315d3b7def7e26e8b8f4ad325
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Komodo_08_R1.fastq.gz 10.3M 567ce4ed37bbd6ed54721a28e2587ed6 Komodo_08_R2.fastq.gz 15.2M 73e61edd827bfe92f7bb0be91225bc7b Komodo_09_R1.fastq.gz 4.6M 9dcbdf71c9482e1c255af48a9fe768d3 Komodo_09_R2.fastq.gz 6.5M cf7f9f3698953e67190e7231d07ae6d8 Komodo_10_R1.fastq.gz 7.5M b3f6c83c8d40a37db44eec0d0b09016a Komodo_10_R2.fastq.gz 10.7M 489269ff1990a1818c5e222348c22952 Komodo_11_R1.fastq.gz 7.4M 30e02fc48506e9f0990ebba0a287lb96 Komodo_11_R2.fastq.gz 10.7M def04deee487b98e0e3a1a46fb97b79a Komodo_12_R1.fastq.gz 7.4M 3d237e5a7l686958ef6ef503949a08ee Komodo_12_R2.fastq.gz 10.5M bec1258f4320a0bcf7zed836ff241da9 Komodo_13_R1.fastq.gz 6.2M f015619480f6fb2074a6beecd7aa4433 Komodo_13_R2.fastq.gz 8.9M a662d57a92a9123e6d887d72db16ba9c Komodo_14_R1.fastq.gz 8.7M 4d805b07366200c6813636a6b3518c31 Komodo_14_R2.fastq.gz 12.5M bb8ed624420fe99c36023c965ad5ee50 Komodo_15_R2.fastq.gz 7.4M 9dcdb640e29888dbe1b4d07d9c7415c Komodo_16_R2.fastq.gz 10.8M 8492cb	Komodo_07_R1.fastq.gz	9.1M	1ffd31ba3a90fdf1ef08be8ab42d5b17
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	Pari_01_R1.fastq.gz	10.0M	3f8fd169260edb597b95afa0d8dd833e



Pari_O2_R2.fastq.gz			
Pari_02_R2_fastq.gz	Pari_01_R2.fastq.gz	14.2M	f99af767188c07abe17f3a5e725ba86c
Pari_03_R1.fastq.gz 6.9M 0237201Idb24b97d5d14e12e0c58f5ca Pari_03_R2.fastq.gz 9.9M 568cbd08dceb745a18d337cd47785dbb Pari_04_R1.fastq.gz 6.3M 0f7ad082c9c2fd294eeeb98d83d52515 Pari_04_R2.fastq.gz 8.8M dce8d95laf5789adc857879cf20b3869 Pari_05_R1.fastq.gz 6.8M f8058aeld4c14d2088a3b9baeba55665 Pari_05_R2.fastq.gz 9.6M 091520c23bab7c3734827c857a3a038f Pari_06_R1.fastq.gz 16.5M b96d585d98f4789f748c574c7accfea0 Pari_06_R2.fastq.gz 16.5M b96d585d98f4789f748c574c7accfea0 Pari_07_R1.fastq.gz 8.0M 7a644943376c239338d5c24ff26bc53fd Pari_07_R1.fastq.gz 11.6M 4b49757945101la74a459e967cf5d36 Pari_08_R2.fastq.gz 11.6M 4b497579945101la74a459e967cf5d36 Pari_09_R1.fastq.gz 10.2M bd53bb379f57702c5d2d6d000bc6d6790 Pari_08_R2.fastq.gz 11.6M d0775999023408c301ea080df307734d Pari_09_R1.fastq.gz 8.4M 67865ac3d4a1c1b2068b135ec0f7dae2 Pari_09_R2.fastq.gz 11.8M d315fe4d7caf26825c24b6c54dfa15c9 Pari_10_R2.fastq.gz 14.6M 242ef55cd513d4e4af40a1905d3dfl190 </td <td>Pari_02_R1.fastq.gz</td> <td>7.0M</td> <td>169209ce7540d9d11beeb4a02b10e1fd</td>	Pari_02_R1.fastq.gz	7.0M	169209ce7540d9d11beeb4a02b10e1fd
Pari_03_R2.fastq.gz 9.9M 568cbd08dceb745al8d337cd47785dbb Pari_04_R1.fastq.gz 6.3M 0f7ad082e9c2fd294eeeb98d83d52515 Pari_04_R2.fastq.gz 8.8M dce8d95laf5789adc857879cf20b3869 Pari_05_R1.fastq.gz 6.8M f8058ae1d4c14d2088a3b9baeba55665 Pari_06_R2.fastq.gz 9.6M 091520c23bab7c3734827c857a3a038f Pari_06_R2.fastq.gz 16.5M b96d585d98f4789f748c574c7accfea0 Pari_06_R2.fastq.gz 16.5M b96d585d98f4789f748c574c7accfea0 Pari_06_R2.fastq.gz 18.0M 7a644943333623938d5c24ff26bc53fd Pari_07_R2.fastq.gz 11.6M 4b49751794510Ha74a459e967cf3d36 Pari_08_R2.fastq.gz 10.2M bd53bb379f57702c5d2d6d00bc6d6790 Pari_08_R2.fastq.gz 14.6M d0f7s999023408c30tea080df307734d Pari_09_R1.fastq.gz 14.6M d0f7s699023408c30tea080df307734d Pari_09_R2.fastq.gz 14.6M 242ef85d5334d4e16b06654ffa15c9 Pari_10_R2.fastq.gz 14.6M 242ef85d533d4e4af40a1905d36ffb0 Pari_11_R2.fastq.gz 13.1M 00f07d389aa2d77ca08ad7b7cb50cecb Pari_11_R2.fastq.gz 13.6M 76f13a32a2a099dfbac41447260e6f5e6f5e6	Pari_02_R2.fastq.gz	10.3M	43fa725f71d4fbd9fed83f6499a5f248
Pari_O4_R1.fastq.gz 6.3M 017ad082c9c2fd294eeeb98d83d52515 Pari_O4_R2.fastq.gz 8.8M dce8d951af5789adc857879cf20b3869 Pari_O5_R1.fastq.gz 6.8M f8058ac1d4c14d2088a3b9bacba55665 Pari_O5_R2.fastq.gz 9.6M 091520c23bab7c3734827c857a3a038f Pari_O6_R1.fastq.gz 16.5M b96d585d98f4789f748c574c7accfea0 Pari_O7_R1.fastq.gz 23.1M 86badfc843c849ff4d34l46bd640lb7 Pari_O7_R2.fastq.gz 11.6M 4b4975179451011a74a459e967c15d36 Pari_O7_R2.fastq.gz 11.6M 4b4975179451011a74a459e967c15d36 Pari_O8_R1.fastq.gz 10.2M bd53bb379f57702e5d2d6d00bc6d6790 Pari_O8_R2.fastq.gz 14.6M d0775999023408c301ca080df307734d Pari_O9_R1.fastq.gz 14.6M d7865ac3d4a1c1b2068b135ec0f7dae2 Pari_O9_R2.fastq.gz 11.8M d315fe4d7caf26825c24b6c54dfa15c9 Pari_I0_R2.fastq.gz 14.6M 242ef55d513d4e4af40a1905d36fff00 Pari_I0_R2.fastq.gz 13.1M 00f07d389aa2d77ca08ad7b7cb50cecb Pari_I1_R1.fastq.gz 13.1M 00f07d389aa2d77ca08ad7b7cb50cecb Pari_I1_R2.fastq.gz 18.6M 76f13e3a2a2099dfbac414472d6cef5ef	Pari_03_R1.fastq.gz	6.9M	02372011db24b97d5d14e12c0c58f5ca
Pari_04_R2.fastq.gz 8.8M dce8d951af5789adc857879cf20b3869 Pari_05_R1.fastq.gz 6.8M f8058acld4c14d2088a3b9bacba55665 Pari_05_R2.fastq.gz 9.6M 091520c23bab7c3734827c857a3a038f Pari_06_R1.fastq.gz 16.5M b96d585d98f4789f748c574c7accfea0 Pari_06_R2.fastq.gz 23.1M 86ba4fc843c849fcf4d34146bd640lb7 Pari_07_R1.fastq.gz 8.0M 7a644943373623938d5c24ff26bc53fd Pari_07_R2.fastq.gz 11.6M 4b4975179451011a74a459e967c15d36 Pari_08_R1.fastq.gz 10.2M bd53bb379f57702c5d2d6d00bc6d6790 Pari_08_R2.fastq.gz 14.6M d0775999023408c301ea080df307734d Pari_09_R1.fastq.gz 14.6M d315fc4d7caf26825c24b6c54dfa15c9 Pari_09_R1.fastq.gz 14.6M 242cf53d33d4c4afda15b2068b135cc0f7dac2 Pari_09_R2.fastq.gz 14.6M 242cf53d513d4c4afd01905d36ff80 Pari_10_R1.fastq.gz 14.6M 242cf53d513d4c4afd01905d36ff80 Pari_11_R1.fastq.gz 13.1M 00f07d389aa2d77ca08ad7b7cb50cecb Pari_11_R1.fastq.gz 13.1M 00f07d389aa2d7rca08ad7b7cb50cecb Pari_11_R2.fastq.gz 18.6M 46783a2a099dfbac414472d6cef5ef	Pari_03_R2.fastq.gz	9.9M	568cbd08dceb745a18d337cd47785dbb
Pari_05_Rl.fastq.gz 6.8M f8058acld4cl4d2088a3b9bacba55665 Pari_05_R2.fastq.gz 9.6M 091520c23babrc373482rc857a3a038f Pari_06_Rl.fastq.gz 16.5M b96d585d98f4789f748c574c7accfea0 Pari_06_R2.fastq.gz 23.1M 86ba4fc843c849fef4d34l46bd640lb7 Pari_07_Rl.fastq.gz 8.0M 7a6449433f3623938d5c24ff26bc53fd Pari_07_R2.fastq.gz 11.6M 4b4975f794510f1a74a459e967cf5d36 Pari_08_R1.fastq.gz 10.2M bd53bb379f57702e5d2d6d00bc6d6790 Pari_08_R2.fastq.gz 14.6M d0f75999023408c30lea080df307734d Pari_09_R1.fastq.gz 14.6M d0f75999023408c30lea080df307734d Pari_09_R2.fastq.gz 14.6M d315fe4d7caf26825c24b6c54dfa15c9 Pari_09_R2.fastq.gz 14.6M 242ef55d513d4e4af40a905d36ff90 Pari_10_R2.fastq.gz 14.6M 242ef55d513d4e4af40a905d36ff90 Pari_10_R2.fastq.gz 13.1M 00f07d389aa2d77ca08ad7b7cb50cccb Pari_11_R1.fastq.gz 13.1M 00f07d389aa2d77ca08ad7b7cb50cccb Pari_11_R2.fastq.gz 13.6M 47613c3a2a099dfbac41472d6cef5ef Pari_11_R2.fastq.gz 12.5M 3635r3e9a073ead0d269e5a40cae94bb <td>Pari_04_R1.fastq.gz</td> <td>6.3M</td> <td>0f7ad082c9c2fd294eeeb98d83d52515</td>	Pari_04_R1.fastq.gz	6.3M	0f7ad082c9c2fd294eeeb98d83d52515
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Pari_15_R2.fastq.gz 14.7M c001afb2c1945fa839ae676015a36879 Pari_16_R1.fastq.gz 12.0M 96659ca92bff4e97f36842fad1cff1f9 Pari_16_R2.fastq.gz 17.0M ffdb23e69676601546e2faf6b0b0d5a0 Tual_01_R1.fastq.gz 6.8M 64413fb46c3d8aeb539c50cf27bcb491 Tual_01_R2.fastq.gz 9.8M 0fd1a9fa74784b17e676600a663c2f99 Tual_02_R1.fastq.gz 6.1M ca6a2c9f1af73563c3264b8456dd3fe6 Tual_02_R2.fastq.gz 8.9M e242c2c1dc0d5a7bdbd6d53451d96c47 Tual_03_R1.fastq.gz 6.0M 43489a293018acfd06ec92780847d7f8 Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Pari_14_R2.fastq.gz	15.5M	55bdb0c44a4e77660f166b31e795f01a
Pari_16_R1.fastq.gz 12.0M 96659ca92bff4e97f36842fad1cff1f9 Pari_16_R2.fastq.gz 17.0M ffdb23e69676601546e2faf6b0b0d5a0 Tual_01_R1.fastq.gz 6.8M 64413fb46c3d8aeb539c50cf27bcb491 Tual_01_R2.fastq.gz 9.8M 0fd1a9fa74784b17e676600a663c2f99 Tual_02_R1.fastq.gz 6.1M ca6a2c9f1af73563c3264b8456dd3fe6 Tual_02_R2.fastq.gz 8.9M e242c2c1dc0d5a7bdbd6d53451d96c47 Tual_03_R1.fastq.gz 6.0M 43489a293018acfd06ec92780847d7f8 Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Pari_15_R1.fastq.gz	10.2M	177639b347f2a6cc1721204c05b44f66
Pari_16_R2.fastq.gz 17.0M ffdb23e69676601546e2faf6b0b0d5a0 Tual_01_R1.fastq.gz 6.8M 64413fb46c3d8aeb539c50cf27bcb491 Tual_01_R2.fastq.gz 9.8M 0fd1a9fa74784b17e676600a663c2f99 Tual_02_R1.fastq.gz 6.1M ca6a2c9f1af73563c3264b8456dd3fe6 Tual_02_R2.fastq.gz 8.9M e242c2c1dc0d5a7bdbd6d53451d96c47 Tual_03_R1.fastq.gz 6.0M 43489a293018acfd06ec92780847d7f8 Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Pari_15_R2.fastq.gz	14.7M	c001afb2c1945fa839ae676015a36879
Tual_01_R1.fastq.gz 6.8M 64413fb46c3d8aeb539c50cf27bcb491 Tual_01_R2.fastq.gz 9.8M 0fd1a9fa74784b17e676600a663c2f99 Tual_02_R1.fastq.gz 6.1M ca6a2c9f1af73563c3264b8456dd3fe6 Tual_02_R2.fastq.gz 8.9M e242c2c1dc0d5a7bdbd6d53451d96c47 Tual_03_R1.fastq.gz 6.0M 43489a293018acfd06ec92780847d7f8 Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Pari_16_R1.fastq.gz	12.0M	96659ca92bff4e97f36842fad1cff1f9
Tual_01_R2.fastq.gz 9.8M 0fd1a9fa74784b17e676600a663c2f99 Tual_02_R1.fastq.gz 6.1M ca6a2c9f1af73563c3264b8456dd3fe6 Tual_02_R2.fastq.gz 8.9M e242c2c1dc0d5a7bdbd6d53451d96c47 Tual_03_R1.fastq.gz 6.0M 43489a293018acfd06ec92780847d7f8 Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Pari_16_R2.fastq.gz	17.0M	ffdb23e69676601546e2faf6b0b0d5a0
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Tual_02_R2.fastq.gz 8.9M e242c2c1dc0d5a7bdbd6d53451d96c47 Tual_03_R1.fastq.gz 6.0M 43489a293018acfd06ec92780847d7f8 Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Tual_01_R2.fastq.gz	9.8M	0fd1a9fa74784b17e676600a663c2f99
Tual_03_R1.fastq.gz 6.0M 43489a293018acfd06ec92780847d7f8 Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Tual_02_R1.fastq.gz	6.1M	ca6a2c9f1af73563c3264b8456dd3fe6
Tual_03_R2.fastq.gz 8.6M ae345ea7d8f9c8a6cad6bdaa1f2e47f9	Tual_02_R2.fastq.gz	8.9M	e242c2c1dc0d5a7bdbd6d53451d96c47
	Tual_03_R1.fastq.gz	6.0M	43489a293018acfd06ec92780847d7f8
Tual_04_R1.fastq.gz 5.6M fcfe8ef6c3203be8cc1dd1c6f6ae1783	Tual_03_R2.fastq.gz	8.6M	ae345ea7d8f9c8a6cad6bdaa1f2e47f9
	Tual_04_R1.fastq.gz	5.6M	fcfe8ef6c3203be8cc1dd1c6f6ae1783



Tual_06_Rt/astqgz 8.3M 46d8d27be4e67229c0e14696143b9faf Tual_05_Rt/astqgz 5.4M 98a5b2a7a91fc74020ed1ccfff86fba Tual_05_R2/fastqgz 7.9M b2cca4ba7c39cd928e1e2b06f3797dae Tual_06_Rt/fastqgz 5.6M fcf70342d7c52689392ac07ab90323fc Tual_06_Rt/fastqgz 8.1M b29464cb3b06748fe67f6ba15ca1f95a Tual_07_Rt/fastqgz 6.1M 14260df3d3459eeaf47da2fdc23de5e9 Tual_07_Rt/fastqgz 9.1M 1d26ce9c0f0e7b228450d5f07b22f4b4 Tual_08_Rt/fastqgz 7.2M c6989236c72daf0dd99c45f220ecbc76 Tual_08_Rt/fastqgz 10.1M 7e878caaf392f22a9ba20c4578597302 Tual_09_Rt/fastqgz 10.5M 1ec2c225ta70dd9b37831eaa2bf0528 Tual_09_Rt/fastqgz 11.8M 259b4e4352f5efc6fc0babcf179cd43c Tual_10_Rt/fastqgz 4.7M 1ee8aad1lcbde9aa53cb8b7096d5898c Tual_10_Rt/fastqgz 6.9M cbccd025bd6c60d7c7ctc283245f2474 Tual_11_Rt/fastqgz 5.5M f5ab93e5e08cd73f47f0447e23403fd5 Tual_11_Rt/fastqgz 4.1M 5f65d88c4c3156909c5068fe436a8d6f Tual_11_Rt/fastqgz 4.1M 3c8b2339ca985d341402cf6cd480c3d						
Tual_06_R1.fastq.gz 7.9M b2cca4ba7c39cd928e1e2b06f3797dae Tual_06_R1.fastq.gz 5.6M feF70342d7e52689392ae07ab90323fc Tual_06_R2.fastq.gz 8.1M b29464cb3b06748fe67f6ba15ca1f95a Tual_07_R1.fastq.gz 6.1M 14260df3d3459ecaf47da2fdc23de6e9 Tual_07_R2.fastq.gz 9.1M Id26ce9c0f0e7b228450d5f07b22f4b4 Tual_08_R1.fastq.gz 7.2M c6989236c72daf0dd99c45f220ecbc76 Tual_08_R2.fastq.gz 10.1M 7e878caar392f22a9ba20c4578597302 Tual_09_R2.fastq.gz 10.1M 7e878caar392f22a9ba20c45785997302 Tual_09_R2.fastq.gz 11.8M 259b4e435275efc6fc0babc1719cd43c Tual_09_R2.fastq.gz 11.8M 259b4e435275efc6fc0babc1719cd43c Tual_10_R1.fastq.gz 4.7M lee8aad11cbde9aa53cb8b7096d5a98c Tual_10_R2.fastq.gz 6.9M cbccd025bd6e60d7c7e1e283245f2474 Tual_11_R1.fastq.gz 5.5M f5ab93e5e08cd73f47f0447e23402f64 Tual_11_R1.fastq.gz 4.1M 5f65d88e4c3156909c5068fe436a8d6f Tual_12_R2.fastq.gz 6.1M 3ceb27a5ace985d341402ef6dd80c3d Tual_13_R2.fastq.gz 6.2M 179623807ba0ddfc7a522ffc7293ec73	Tual_04_R2.fastq.gz	8.3M	46d8d27be4e67229c0e14696143b9faf			
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Tual_06_R2.fastq.gz 8.1M b29464cb3b06748fe67f6ba15caff95a Tual_07_R1.fastq.gz 6.1M 14260df3d3459eeaf47da2fdc23de5e9 Tual_07_R2.fastq.gz 9.1M 1d26ce9c0f0e7b228450d5f07b22f4b4 Tual_08_R1.fastq.gz 7.2M c6989236c72daf0dd99e45f220ecbc76 Tual_08_R2.fastq.gz 10.1M 7e878caaf392f22a9ba20c4578597302 Tual_09_R1.fastq.gz 8.0M lec2c2251a702d92b3783leaa2b16528 Tual_09_R2.fastq.gz 11.8M 259b4e4352f5e66c0babc179cd43c Tual_10_R1.fastq.gz 4.7M lec8aad11cbde9aa53cb8b7096d5a98c Tual_10_R2.fastq.gz 6.9M cbccd025bd6e60d7c7ele283245f2474 Tual_11_R1.fastq.gz 5.5M f5ab93e5e08cd73347f0447e23403fd5 Tual_11_R2.fastq.gz 8.0M 9a375065d81a9d103f1586ce074a9bc5 Tual_12_R1.fastq.gz 4.1M 5f65d88c4c315690c5068fe436a8d6f Tual_12_R1.fastq.gz 6.1M 3ce8b2f39cac985d341402ef6dd80c3d Tual_13_R1.fastq.gz 6.2M 179623807ba0adfc7a3a21fc7293ec73 Tual_13_R2.fastq.gz 8.8M 41894a0e83b8c6ef03fce6ef388c26cef186638 Tual_14_R2.fastq.gz 11.5M 5c3eb355b2acab4b46982c26cac73a	Tual_05_R2.fastq.gz	7.9M	b2cca4ba7c39cd928e1e2b06f3797dae			
Tual_O7_Rl.fastq.gz 6.1M 14260df3d3459eeaf47da2fdc23de5e9 Tual_O7_R2.fastq.gz 9.1M 1d26ce9c0f0e7b228450d5f07b22f4b4 Tual_O8_Rl.fastq.gz 7.2M c6989236c72daf0dd99c45f220ecbc76 Tual_O8_R2.fastq.gz 10.1M 7e878caaf392f22a9ba20c4578597302 Tual_O9_R1.fastq.gz 8.0M 1ec2c2251a702d92b37831eaa2bf0528 Tual_O9_R2.fastq.gz 11.8M 259b4e4352f5e6fc0babc17l9cd43c Tual_I0_R1.fastq.gz 4.7M 1ec8aadl1cbde9aa53cb8b7096d5a98c Tual_I0_R2.fastq.gz 6.9M cbccd025bd6e60d7c7e1e283245f2474 Tual_I1_R1.fastq.gz 5.5M f5ab93e5e08cd731470447e23403fd5 Tual_I1_R2.fastq.gz 8.0M 9a375065d81a9d103f1586ce074a9be5 Tual_I1_R2.fastq.gz 4.1M 565d88c4c3156909c5068fe436a8d6f Tual_I1_R2.fastq.gz 6.1M 3ce8b2f39cac985d341402ef6dd80c3d Tual_I3_R1.fastq.gz 6.2M 179623807ba0adfc7a3a21fe7293ec73 Tual_I3_R2.fastq.gz 8.0M 0b6d988050df67b52a05a0981bc9277 Tual_I4_R2.fastq.gz 11.5M 5c3cb355b2acabb4b46982c26cac7a3a Tual_I5_R1.fastq.gz 6.3M 1753638a5cc249e338297067c254a367 <td>Tual_06_R1.fastq.gz</td> <td>5.6M</td> <td colspan="3">fef70342d7e52689392ae07ab90323fc</td>	Tual_06_R1.fastq.gz	5.6M	fef70342d7e52689392ae07ab90323fc			
Tual_07_R2.fastq.g2 9.1M Id26ce9c0f0e7b228450d5f07b22f4b4 Tual_08_R1.fastq.g2 7.2M c6989236c72daf0dd99c45f220ecbc76 Tual_08_R2.fastq.g2 10.1M 7e878caaf392f22a9ba20c4578597302 Tual_09_R1.fastq.g2 8.0M 1ec2c2251a702d92b37831eaa2bf0528 Tual_09_R2.fastq.g2 11.8M 259b4e4352f5efc6fc0babc1719cd43c Tual_10_R1.fastq.g2 4.7M 1ee8aad11cbde9aa53cb8b7096d5a98c Tual_10_R2.fastq.g2 6.9M cbccd025bd6e60d7c7e1e283245f2474 Tual_11_R1.fastq.g2 5.5M f5ab93e5e08cd73i47f0447e23403fd5 Tual_11_R2.fastq.g2 8.0M 9a375065d81a9d103f1586ce074a9be5 Tual_12_R2.fastq.g2 8.0M 9a375065d81a9d103f1586ce074a9be5 Tual_12_R2.fastq.g2 6.1M 3ce8b2f39cac985d341402ef6dd80c3d Tual_12_R2.fastq.g2 6.1M 3ce8b2f39aca985d341402ef6dd80c3d Tual_13_R1.fastq.g2 8.8M 41894a08338eb6e103fece6e4186638 Tual_14_R1.fastq.g2 8.0M 0b6d988050df676be5a05a098lbc9277 Tual_14_R2.fastq.g2 11.5M 5c3eb355b2acabb4b46982c26cac7a3a Tual_15_R1.fastq.g2 8.8M 85c4c65ba39a3819d0f915a0073dff82	Tual_06_R2.fastq.gz	8.1M	b29464cb3b06748fe67f6ba15ca1f95a			
Tual_08_RLfastq.gz 7.2M c6989236c72daf0dd99c45f220ecbc76 Tual_08_R2.fastq.gz 10.1M 7e878caaf392f22a9ba20c4578597302 Tual_09_RLfastq.gz 8.0M 1ec2c2251a702d92b37831eaa2bf0528 Tual_09_R2.fastq.gz I1.8M 259b4e4352f5efc6fc0babc1719cd43c Tual_10_RLfastq.gz 4.7M 1ee8aad11cbde9aa53cb8b7096d5a98c Tual_10_R2.fastq.gz 6.9M cbccd025bd6e60d7c7e1e28324572474 Tual_11_R1.fastq.gz 5.5M f5ab93e5e08cd73f476047e23403fd5 Tual_11_R2.fastq.gz 8.0M 9a375065d81a9di03fi586ce074a9be5 Tual_12_R.fastq.gz 4.1M 5f65d88c4c3156909c508fe436a8d6f Tual_12_R.fastq.gz 6.1M 3ce8b2f39ace985d341402ef6dd80c3d Tual_13_R.fastq.gz 6.2M 179623807ba0adfc7a3a2lfe7293ec73 Tual_13_R.f.fastq.gz 8.8M 41894a0e83b8cb6e103feee6e4186638 Tual_14_R.f.fastq.gz 8.0M 0b6d988050df676be5a05a098lbc9277 Tual_14_R.fastq.gz 11.5M 5c3eb355b2acabb4b46982c26cac7a3a Tual_15_R.flastq.gz 12.8M 1e24ce29480912lafb8704c2f7a9469 Tual_16_R.2 fastq.gz 12.8M 1e24ce29480912lafb87704c2f7a9469 <td>Tual_07_R1.fastq.gz</td> <td>6.1M</td> <td colspan="3">14260df3d3459eeaf47da2fdc23de5e9</td>	Tual_07_R1.fastq.gz	6.1M	14260df3d3459eeaf47da2fdc23de5e9			
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Tual_16_Rl.fastq.gz 6.3M 1753638a5cc249e338297067e254a367 Tual_16_R2.fastq.gz 9.1M c12b3ff59b5999e355b685fbb466a624 Wakatobi_01_R1.fastq.gz 5.5M aa7c954863207a244900c747810939dd Wakatobi_01_R2.fastq.gz 7.8M 249d5eb0d37ba37be348f42395dd7ed4 Wakatobi_02_R1.fastq.gz 7.0M 2e8ac3ca359549c8c2ca26001e718c84 Wakatobi_02_R2.fastq.gz 9.8M 80ffe364d5cd0f1ce4aef386af0c4a68 Wakatobi_03_R1.fastq.gz 6.9M a6fe6b2114f77fcde23736da4dcb0282 Wakatobi_03_R2.fastq.gz 9.7M 7a9d91072a8c468c9a95ab63be26f5d6 Wakatobi_04_R1.fastq.gz 9.8M 5a86280c2e5bcd98f50ab65bbca133cb Wakatobi_04_R2.fastq.gz 13.9M 2b43bc7767a98cbd87e30468ba1d7e76 Wakatobi_05_R1.fastq.gz 7.4M edeabee20c607c3322c2e162a020e7fd Wakatobi_06_R2.fastq.gz 10.3M 7e03b35fdc7b6fbb363d01c78b7a1f5f Wakatobi_06_R2.fastq.gz 12.1M 685f02b6c9845ce851cb580fc09fa9b4	Tual_15_R1.fastq.gz	8.8M	85c4c65ba39a3819d0f915a0073dff82			
Tual_16_R2.fastq.gz 9.1M c12b3ff59b5999e355b685fbb466a624 Wakatobi_01_R1.fastq.gz 5.5M aa7c954863207a244900c747810939dd Wakatobi_01_R2.fastq.gz 7.8M 249d5eb0d37ba37be348f42395dd7ed4 Wakatobi_02_R1.fastq.gz 7.0M 2e8ac3ca359549c8c2ca26001e7l8c84 Wakatobi_02_R2.fastq.gz 9.8M 80ffe364d5cd0f1ce4aef386af0c4a68 Wakatobi_03_R1.fastq.gz 6.9M a6fe6b2114f77fcde23736da4dcb0282 Wakatobi_03_R2.fastq.gz 9.7M 7a9d91072a8c468c9a95ab63be26f5d6 Wakatobi_04_R1.fastq.gz 9.8M 5a86280c2e5bcd98f50ab65bbca133cb Wakatobi_04_R2.fastq.gz 13.9M 2b43bc7767a98cbd87e30468ba1d7e76 Wakatobi_05_R1.fastq.gz 7.4M edeabee20c607c3322c2e162a020e7fd Wakatobi_05_R2.fastq.gz 10.3M 7e03b35fdc7b6fbb363d01c78b7a1f5f Wakatobi_06_R1.fastq.gz 8.6M f3e47575417721d853be4617279ccfbe Wakatobi_06_R2.fastq.gz 12.1M 685f02b6c9845ce851cb580fc09fa9b4	Tual_15_R2.fastq.gz	12.8M	1e24ee294809121afb87704c2f7a9469			
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Wakatobi_02_R1.fastq.gz 7.0M 2e8ac3ca359549c8c2ca26001e718c84 Wakatobi_02_R2.fastq.gz 9.8M 80ffe364d5cd0f1ce4aef386af0c4a68 Wakatobi_03_R1.fastq.gz 6.9M a6fe6b2114f77fcde23736da4dcb0282 Wakatobi_03_R2.fastq.gz 9.7M 7a9d91072a8c468c9a95ab63be26f5d6 Wakatobi_04_R1.fastq.gz 9.8M 5a86280c2e5bcd98f50ab65bbca133cb Wakatobi_04_R2.fastq.gz 13.9M 2b43bc7767a98cbd87e30468ba1d7e76 Wakatobi_05_R1.fastq.gz 7.4M edeabee20c607c3322c2e162a020e7fd Wakatobi_05_R2.fastq.gz 10.3M 7e03b35fdc7b6fbb363d01c78b7a1f5f Wakatobi_06_R1.fastq.gz 8.6M f3e47575417721d853be4617279ccfbe Wakatobi_06_R2.fastq.gz 12.1M 685f02b6c9845ce851cb580fc09fa9b4	Wakatobi_01_R1.fastq.gz	5.5M	aa7c954863207a244900c747810939dd			
Wakatobi_02_R2.fastq.gz 9.8M 80ffe364d5cd0f1ce4aef386af0c4a68 Wakatobi_03_R1.fastq.gz 6.9M a6fe6b2114f77fcde23736da4dcb0282 Wakatobi_03_R2.fastq.gz 9.7M 7a9d91072a8c468c9a95ab63be26f5d6 Wakatobi_04_R1.fastq.gz 9.8M 5a86280c2e5bcd98f50ab65bbca133cb Wakatobi_04_R2.fastq.gz 13.9M 2b43bc7767a98cbd87e30468ba1d7e76 Wakatobi_05_R1.fastq.gz 7.4M edeabee20c607c3322c2e162a020e7fd Wakatobi_05_R2.fastq.gz 10.3M 7e03b35fdc7b6fbb363d01c78b7a1f5f Wakatobi_06_R1.fastq.gz 8.6M f3e47575417721d853be4617279ccfbe Wakatobi_06_R2.fastq.gz 12.1M 685f02b6c9845ce851cb580fc09fa9b4	Wakatobi_01_R2.fastq.gz	7.8M	249d5eb0d37ba37be348f42395dd7ed4			
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Wakatobi_04_R2.fastq.gz 13.9M 2b43bc7767a98cbd87e30468ba1d7e76 Wakatobi_05_R1.fastq.gz 7.4M edeabee20c607c3322c2e162a020e7fd Wakatobi_05_R2.fastq.gz 10.3M 7e03b35fdc7b6fbb363d01c78b7a1f5f Wakatobi_06_R1.fastq.gz 8.6M f3e47575417721d853be4617279ccfbe Wakatobi_06_R2.fastq.gz 12.1M 685f02b6c9845ce851cb580fc09fa9b4	Wakatobi_03_R2.fastq.gz	9.7M	7a9d91072a8c468c9a95ab63be26f5d6			
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Wakatobi_06_R2.fastq.gz 12.1M 685f02b6c9845ce851cb580fc09fa9b4	Wakatobi_05_R2.fastq.gz	10.3M	7e03b35fdc7b6fbb363d01c78b7a1f5f			
10	Wakatobi_06_R1.fastq.gz	8.6M	f3e47575417721d853be4617279ccfbe			
Wakatobi_07_R1.fastq.gz 5.1M 259b99c6825c9b9704e81c101684420a	Wakatobi_06_R2.fastq.gz	12.1M	685f02b6c9845ce851cb580fc09fa9b4			
	Wakatobi_07_R1.fastq.gz	5.1M	259b99c6825c9b9704e81c101684420a			



Wakatobi_07_R2.fastq.gz	7.1M	be9dcde822c5b832a51db5205a4e3d99			
Wakatobi_08_R1.fastq.gz	5.3M	0031514cc84b14a924b3c57d066bf160			
Wakatobi_08_R2.fastq.gz	7.6M	87c72d6d4f9084caa169f45039ee4a97			
Wakatobi_09_R1.fastq.gz	6.9M	cebedda06a1c62896259cc7cabc182f4			
Wakatobi_09_R2.fastq.gz	9.6M	ac60d9ff1b23076a0c65268392381d1f			
Wakatobi_10_R1.fastq.gz	7.7M	7a72e852c3d159509fa909bc62b9f7e4			
Wakatobi_10_R2.fastq.gz	10.9M	d2fe109e430434bccfe762ca08e49b73			
Wakatobi_11_R1.fastq.gz	9.4M	4a65979036e5fb19f8d4d3be2677e17d			
Wakatobi_11_R2.fastq.gz	13.2M	677e6d628e8805f8589025e77170c73f			
Wakatobi_12_R1.fastq.gz	12.1M	7aadb6e308d6a37232c09d1aef4d354b			
Wakatobi_12_R2.fastq.gz	16.7M	e502619634353ded96741cf967f7f21e			
Wakatobi_13_R1.fastq.gz	8.2M	746a6d9c4cd323a7fd61aee305223379			
Wakatobi_13_R2.fastq.gz	11.6M	0c136b5574f09c488b972421434566fd			
Wakatobi_14_R1.fastq.gz	10.2M	81143a0621938b28d542086d07fbcdd2			
Wakatobi_14_R2.fastq.gz	13.8M	5ee779604e227b3ffcebd8962ba3be97			
Wakatobi_15_R1.fastq.gz	7.6M	f6c0f8b2fb546c051328a2690a5507da			
Wakatobi_15_R2.fastq.gz	10.5M	b26d0cc88d037914ee2b6cee5c54ef78			
Wakatobi_16_R1.fastq.gz	8.0M	0b3653afca43e5ab32dfccef2386b709			
Wakatobi_16_R2.fastq.gz	10.9M	bd6416f4435ae41a81b0ddce75762781			

- fastq.gz : This is a zip file of raw data used in analysis.
- md5sum: In order to verify the integrity of files, md5sum is used. If the values of md5sum are the same, there is no forgery, modification or omission.

Your data will be retained in our server for 3 months. Should you wish to extend the retention period, please contact us.



2. Experimental Methods and Workflow

2. 1. Experiment Overview



Fig1. Experiment overview

The Illumina NGS workflow includes 4 basic steps:

1) Sample Preparation

For library construction, DNA/RNA is extracted from a sample. After performing quality control (QC), qualified samples proceed to library construction.

2) Library Construction

The sequencing library is prepared by random fragmentation of the DNA or cDNA sample, followed by 5' and 3' adapter ligation. Alternatively, "tagmentation" combines the fragmentation and ligation reactions into a single step that greatly increases the efficiency of the library preparation process. Adapter-ligated fragments are then PCR amplified and gel purified.

3) Sequencing

For cluster generation, the library is loaded into a flow cell where fragments are captured on a lawn of surface-bound oligos complementary to the library adapters. Each fragment is then amplified into distinct, clonal clusters through bridge amplification. When cluster generation is complete, the templates are ready for sequencing.

Illumina SBS technology utilizes a proprietary reversible terminator-based method that detects single bases as they are incorporated into DNA template strands. As all 4 reversible, terminator-bound dNTPs are persent during each sequencing cycle, natural competition minimizes incorporation bias and greatly reduces raw error rates compared to other technologies. The result is highly accurate base-by-base sequencing that virtually eliminates sequence-context-specific errors, even within repetitive sequence regions and homopolymers.

4) Raw data

Sequencing data is converted into raw data for the analysis.



2. 2. Generation of Raw Data

The Illumina sequencer generates raw images utilizing sequencing control software for system control and base calling through an integrated primary analysis software called RTA (Real Time Analysis). The BCL (base calls) binary is converted into FASTQ utilizing illumina package bcl2fastq. Adapters are not trimmed away from the reads.



3. Summary of Produced Data

3. 1. Raw Data Statistics

The total number of bases, reads, GC (%), Q20 (%), and Q30 (%) are calculated for the 20 samples. For example, in Alor_01, 82,526 reads are produced, and total read bases are 24.8M bp. The GC content (%) is 53.38% and Q30 is 78.13%.

✓ The following table only shows maximum of 20 samples. If your samples are more than 20, please refer to the attached excel file. View full table: 2202KMI-0003_RawData_Stat.xlsx

Table 1. Raw data Stats (maximum 20 samples)

Sample ID	Total read bases (bp)	Total reads	GC(%)	AT(%)	Q20(%)	Q30(%)
Alor_01	24,840,326	82,526	53.38	46.62	88.68	78.13
Alor_02	53,455,192	177,592	53.76	46.24	89.25	78.99
Alor_03	27,779,290	92,290	51.83	48.17	90.28	80.51
Alor_04	31,227,546	103,746	53.66	46.34	89.18	78.9
Alor_05	36,997,716	122,916	53.57	46.43	88.64	78.04
Alor_06	31,410,554	104,354	51.83	48.17	88.44	77.73
Alor_07	31,641,722	105,122	51.99	48.01	89.52	79.36
Alor_08	48,163,612	160,012	54.71	45.29	89.22	79.01
Alor_09	23,990,904	79,704	52.82	47.18	89.45	79.34
Alor_10	27,841,898	92,498	54.18	45.82	88.84	78.46
Alor_11	28,682,892	95,292	53.63	46.37	88.05	77.36
Alor_12	30,159,598	100,198	50.26	49.74	89.62	79.44
Alor_13	27,825,644	92,444	53.37	46.63	89.83	80.01
Alor_14	34,797,406	115,606	53.87	46.13	89.54	79.39
Alor_15	25,855,298	85,898	49.82	50.18	90.6	81.03
Alor_16	51,295,818	170,418	49.34	50.66	89.5	79.31
Bali_01	26,566,862	88,262	54.07	45.93	88.68	78.19
Bali_02	40,356,274	134,074	54.33	45.67	89.33	79.21
Bali_03	25,475,436	84,636	53.36	46.64	89.56	79.45
Bali_04	28,524,566	94,766	53.5	46.5	89.84	79.88

- Sample ID : Sample name.
- Total read bases : Total number of bases sequenced.
- Total reads: Total number of reads. For Illumina paired-end sequencing, this value refers to the sum of read 1 and read 2.
- GC(%): GC content.
- AT(%): AT content.
- Q20(%): Ratio of bases that have phred quality score of over 20.
- Q30(%): Ratio of bases that have phred quality score of over 30.



3. 2. Total Read Bases

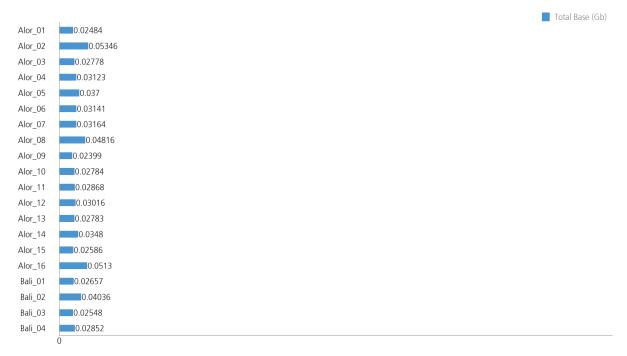


Figure 2.Throughput of Raw data



3. 3. Total Reads

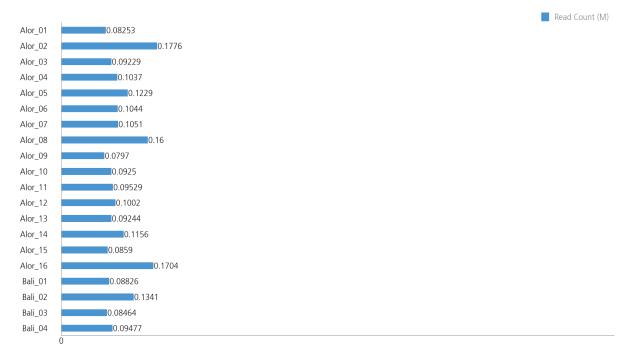


Figure 3. Total read count of Raw data



3. 4. GC/AT Content

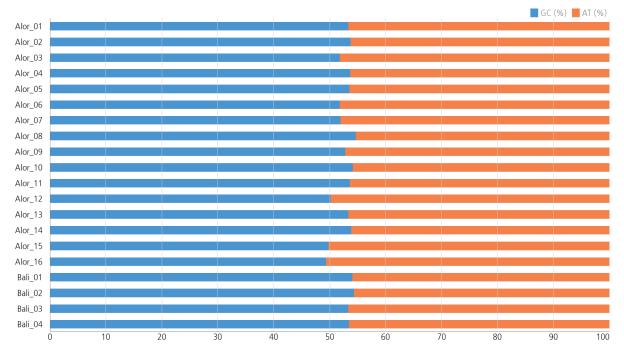


Figure 4. GC/AT Content of Raw data



3. 5. Q20/Q30 (%)

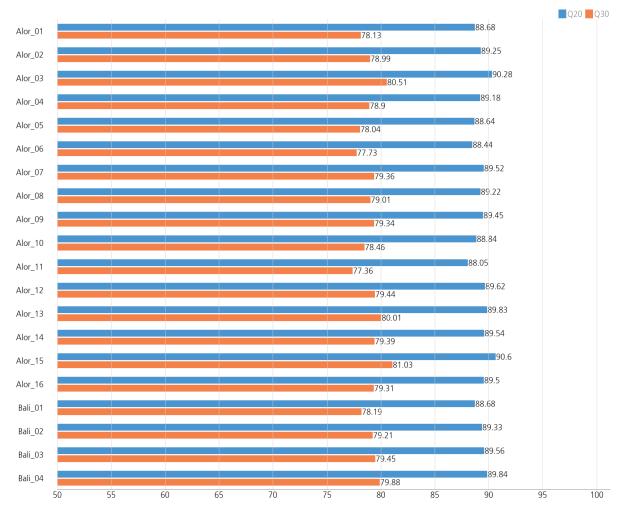


Figure 5. Q20/Q30 scores of Raw data



4. Appendix

4. 1. FAQ

- Q: I want to see the produced data. How can I open the files?
- A: As the large size zip files provided by our company are hard to process in the Windows environment, we highly recommend using Linux environment for a smoother operation.

4. 2. FASTQ File

Example of FASTQ

FASTQ file is composed of four lines.

Line 1: ID line includes information such as flow cell lane information.

Line 2: Sequences line.

Line 3: Separator line (+ mark).

Line 4 : Quality values line about sequences.

4. 3. Phred Quality Score Chart

Phred quality score numerically expresses the accuracy of each nucleotide. Higher Q number signifies higher accuracy. For example, if Phred assigns a quality score of 30 to a base, the chances of having base call error are 1 in 1000.

Phred Quality Score Q is calculated with -10log₁₀P, where P is probability of erroneous base call.

Quality of phred score	Probability of incorrect base call	Base call accuracy	Characters
10	1 in 10	90%	!"#\$%&'()*+
20	1 in 100	99%	,/012345
30	1 in 1000	99.9%	6789:;h=i?
40	1 in 10000	99.99%	@ABCDEFGHIJ

• Encoding: Sanger Quality (ASCII Character Code=Phred Quality Value + 33)



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