

**Table S3. Overview of data production**

<b>Items</b>	<b>ARRP07-II:1</b>	<b>ARRP08-I:1</b>	<b>ARRP09-II:1</b>	<b>ARRP10-II:3</b>
Initial bases on target	1307717	1307717	1583831	1583831
Total effective reads	1472960	1489415	1538242	1476524
Total effective yield (Mb)	131.3	133.06	138	133
Average read length (bp)	89.14	89.34	89.96	89.9
Effective sequences on target (Mb)	79.4	79.45	97.54	92.34
Fraction of uniquely mapped on target	74.40%	73.60%	82.22%	82.40%
Fraction of effective bases on or near target	87.60%	86.00%	91.17%	90.99%
Average sequencing depth on target	60.71	60.76	61.58	58.3
Mismatch rate in target region	0.19%	0.18%	0.21%	0.25%
Base covered on target	1233096	1232407	1212613	1148997
Coverage of target region	94.30%	94.20%	95.12%	95.09%
Coverage of flanking region	94.90%	94.60%	93.86%	93.36%
Fraction of target covered with at least 20x	91.00%	90.40%	91.49%	91.56%
Fraction of target covered with at least 10x	92.70%	92.60%	93.57%	93.64%
Fraction of target covered with at least 4x	93.60%	93.50%	94.47%	94.53%
Fraction of flanking region covered with at least 20x	51.00%	49.20%	36.51%	33.75%
Fraction of flanking region covered with at least 10x	74.40%	71.90%	61.57%	58.14%
Fraction of flanking region covered with at least 4x	90.50%	88.70%	84.81%	82.19%
Mapping rate	99.40%	99.33%	97.54%	92.34%
Duplicate rate	1.88%	1.47%	1.72%	1.56%