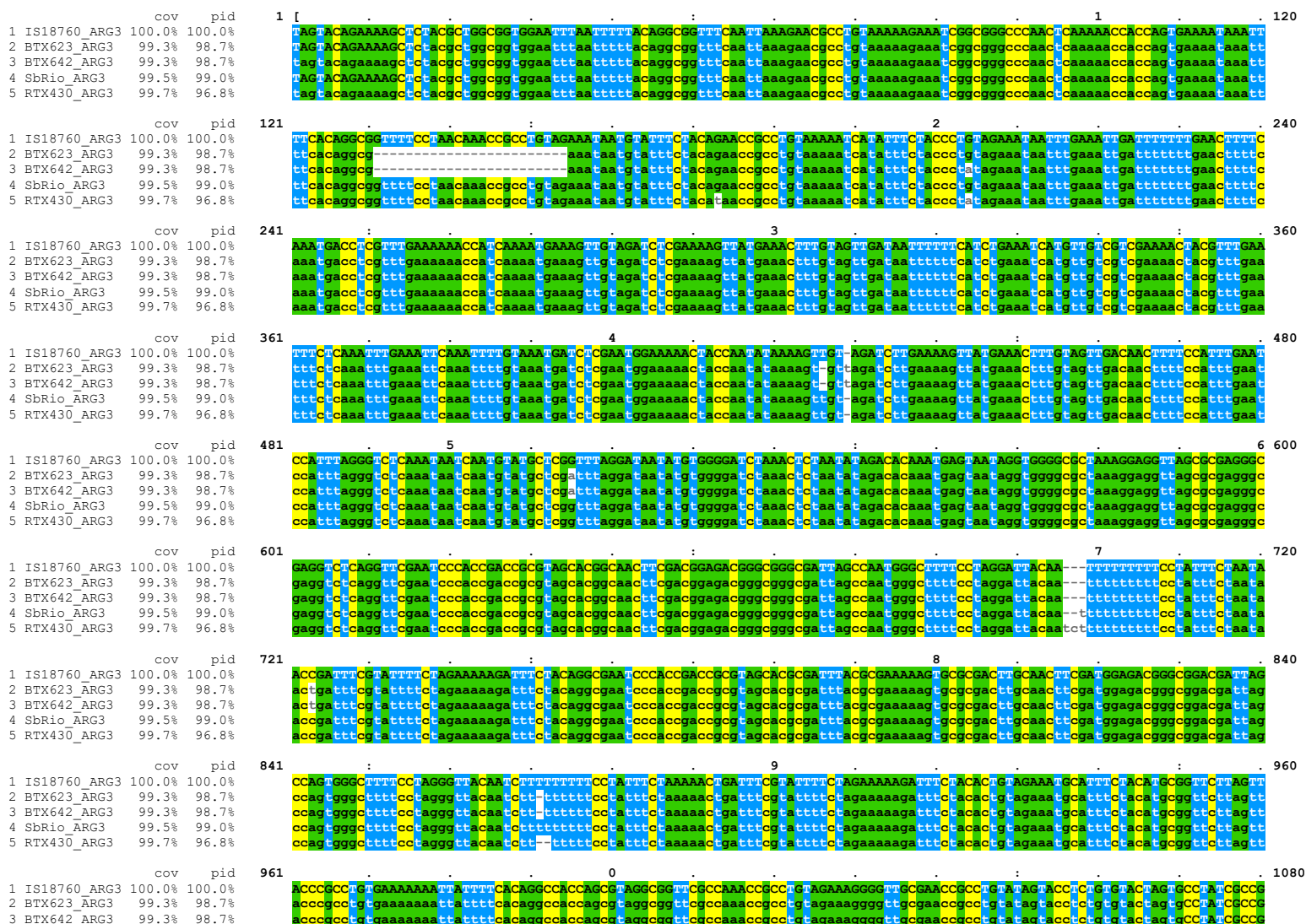















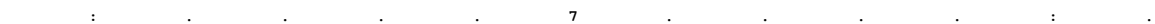























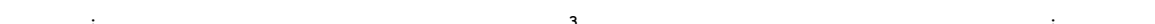













## Supplemental\_file\_4 – corresponds to page 80-81.

Alignment of the genomic sequences of the 15.6 Kb wild-type *ARG3* locus with the four reference genomes. The susceptible parent TAM428 carries the BTx623 genomic sequence throughout *ARG3* locus.



4	SbRio_ARG3	99.5%	99.0%	cccccccttgaaaaaaatttttccaggccccagcgtaggcggttcgcaaaaccctcgtagaaggggttggaaccgctctagctccctggtctctagtgcccttcgccc	
5	RTX430_ARG3	99.7%	96.8%	cccccccttgaaaaaaatttttccaggccccagcgtaggcggttcgcaaaaccctcgtagaaggggttggaaccgctctagctctccggtctctagtgcccttcgccc	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	CAATAGTAGTTCAGATCGTGGAGATCCTCCGTGATCGGATGAGCCCTGCAATTTTTTTCCGTGATAGTGGTTGACATGACAAAAAAGACATGGCTTAACATTTAAATTC	1081
2	BTX623_ARG3	99.3%	98.7%	CAATAGTAGTTCAGATCGTGGAGATCCTCCGTGATCGGATGAGCCCTGCAATTTTTTTCCGTGATAGTGGTTGACATGACAAAAAAGACATGGCTTAACATTTAAATTC	
3	BTX642_ARG3	99.3%	98.7%	CAATAGTAGTTCAGATCGTGGAGATCCTCCGTGATCGGATGAGCCCTGCAATTTTTTTCCGTGATAGTGGTTGACATGACAAAAAAGACATGGCTTAACATTTAAATTC	
4	SbRio_ARG3	99.5%	99.0%	CAATAGTAGTTCAGATCGTGGAGATCCTCCGTGATCGGATGAGCCCTGCAATTTTTTTCCGTGATAGTGGTTGACATGACAAAAAAGACATGGCTTAACATTTAAATTC	
5	RTX430_ARG3	99.7%	96.8%	CAATAGTAGTTCAGATCGTGGAGATCCTCCGTGATCGGATGAGCCCTGCAATTTTTTTCCGTGATAGTGGTTGACATGACAAAAAAGACATGGCTTAACATTTAAATTC	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	CTAGTTTTGTCCCGGACGCACTTGAGCCACCCACAGGTCAGTTTAGGCACCCGCAATTTTCAGTCTTAAAGGAATTTTAGGCTTCCTACTACTTAAATTTTTTTTACCTCTCGGT	1201
2	BTX623_ARG3	99.3%	98.7%	CTAGTTTTGTCCCGGACGCACTTGAGCCACCCACAGGTCAGTTTAGGCACCCGCAATTTTCAGTCTTAAAGGAATTTTAGGCTTCCTACTACTTAAATTTTTTTTACCTCTCGGT	
3	BTX642_ARG3	99.3%	98.7%	CTAGTTTTGTCCCGGACGCACTTGAGCCACCCACAGGTCAGTTTAGGCACCCGCAATTTTCAGTCTTAAAGGAATTTTAGGCTTCCTACTACTTAAATTTTTTTTACCTCTCGGT	
4	SbRio_ARG3	99.5%	99.0%	CTAGTTTTGTCCCGGACGCACTTGAGCCACCCACAGGTCAGTTTAGGCACCCGCAATTTTCAGTCTTAAAGGAATTTTAGGCTTCCTACTACTTAAATTTTTTTTACCTCTCGGT	
5	RTX430_ARG3	99.7%	96.8%	CTAGTTTTGTCCCGGACGCACTTGAGCCACCCACAGGTCAGTTTAGGCACCCGCAATTTTCAGTCTTAAAGGAATTTTAGGCTTCCTACTACTTAAATTTTTTTTACCTCTCGGT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	CGCATTCAGTTCCTCACTATCTGGTCTGAGCCGATCGGAATTTAGTAGCCGATCATTCCTGTGCAACCTTTCCATGATGGCTATCTTTGCGCCTTTCTACAAACTT	1321
2	BTX623_ARG3	99.3%	98.7%	CGCATTCAGTTCCTCACTATCTGGTCTGAGCCGATCGGAATTTAGTAGCCGATCATTCCTGTGCAACCTTTCCATGATGGCTATCTTTGCGCCTTTCTACAAACTT	
3	BTX642_ARG3	99.3%	98.7%	CGCATTCAGTTCCTCACTATCTGGTCTGAGCCGATCGGAATTTAGTAGCCGATCATTCCTGTGCAACCTTTCCATGATGGCTATCTTTGCGCCTTTCTACAAACTT	
4	SbRio_ARG3	99.5%	99.0%	CGCATTCAGTTCCTCACTATCTGGTCTGAGCCGATCGGAATTTAGTAGCCGATCATTCCTGTGCAACCTTTCCATGATGGCTATCTTTGCGCCTTTCTACAAACTT	
5	RTX430_ARG3	99.7%	96.8%	CGCATTCAGTTCCTCACTATCTGGTCTGAGCCGATCGGAATTTAGTAGCCGATCATTCCTGTGCAACCTTTCCATGATGGCTATCTTTGCGCCTTTCTACAAACTT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	CGAATCTTTTCAGAGTAGATGCTGCCAAATACACAGGACCTCAGCAGCGAGCCCTTTCCCTGAGGTTTTCTAACGCTTACAAAGCTTTGCTCTTCGACAAATTCCTACTTTGG	1441
2	BTX623_ARG3	99.3%	98.7%	CGAATCTTTTCAGAGTAGATGCTGCCAAATACACAGGACCTCAGCAGCGAGCCCTTTCCCTGAGGTTTTCTAACGCTTACAAAGCTTTGCTCTTCGACAAATTCCTACTTTGG	
3	BTX642_ARG3	99.3%	98.7%	CGAATCTTTTCAGAGTAGATGCTGCCAAATACACAGGACCTCAGCAGCGAGCCCTTTCCCTGAGGTTTTCTAACGCTTACAAAGCTTTGCTCTTCGACAAATTCCTACTTTGG	
4	SbRio_ARG3	99.5%	99.0%	CGAATCTTTTCAGAGTAGATGCTGCCAAATACACAGGACCTCAGCAGCGAGCCCTTTCCCTGAGGTTTTCTAACGCTTACAAAGCTTTGCTCTTCGACAAATTCCTACTTTGG	
5	RTX430_ARG3	99.7%	96.8%	CGAATCTTTTCAGAGTAGATGCTGCCAAATACACAGGACCTCAGCAGCGAGCCCTTTCCCTGAGGTTTTCTAACGCTTACAAAGCTTTGCTCTTCGACAAATTCCTACTTTGG	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	ATACTATTTCACTCTTCCATTAAGGTAACCTGGGCCCATGTACATTCCTCACTCAGCATAGGTAATTAAGTTCAACCTAGAAAAGCCCCATTTTGATGAATCTCTACCTTTTGG	1561
2	BTX623_ARG3	99.3%	98.7%	ATACTATTTCACTCTTCCATTAAGGTAACCTGGGCCCATGTACATTCCTCACTCAGCATAGGTAATTAAGTTCAACCTAGAAAAGCCCCATTTTGATGAATCTCTACCTTTTGG	
3	BTX642_ARG3	99.3%	98.7%	ATACTATTTCACTCTTCCATTAAGGTAACCTGGGCCCATGTACATTCCTCACTCAGCATAGGTAATTAAGTTCAACCTAGAAAAGCCCCATTTTGATGAATCTCTACCTTTTGG	
4	SbRio_ARG3	99.5%	99.0%	ATACTATTTCACTCTTCCATTAAGGTAACCTGGGCCCATGTACATTCCTCACTCAGCATAGGTAATTAAGTTCAACCTAGAAAAGCCCCATTTTGATGAATCTCTACCTTTTGG	
5	RTX430_ARG3	99.7%	96.8%	ATACTATTTCACTCTTCCATTAAGGTAACCTGGGCCCATGTACATTCCTCACTCAGCATAGGTAATTAAGTTCAACCTAGAAAAGCCCCATTTTGATGAATCTCTACCTTTTGG	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	AAGTATCCAAATGACCGGTGCTATTATGAGCAGCCCCACATCAAGCAGAAACACACAGCAACAGGAGGGACCTTGCCCTGGCACCAACAACTAGATCAGTGCCCTTACCCGCTTC	1681
2	BTX623_ARG3	99.3%	98.7%	AAGTATCCAAATGACCGGTGCTATTATGAGCAGCCCCACATCAAGCAGAAACACACAGCAACAGGAGGGACCTTGCCCTGGCACCAACAACTAGATCAGTGCCCTTACCCGCTTC	
3	BTX642_ARG3	99.3%	98.7%	AAGTATCCAAATGACCGGTGCTATTATGAGCAGCCCCACATCAAGCAGAAACACACAGCAACAGGAGGGACCTTGCCCTGGCACCAACAACTAGATCAGTGCCCTTACCCGCTTC	
4	SbRio_ARG3	99.5%	99.0%	AAGTATCCAAATGACCGGTGCTATTATGAGCAGCCCCACATCAAGCAGAAACACACAGCAACAGGAGGGACCTTGCCCTGGCACCAACAACTAGATCAGTGCCCTTACCCGCTTC	
5	RTX430_ARG3	99.7%	96.8%	AAGTATCCAAATGACCGGTGCTATTATGAGCAGCCCCACATCAAGCAGAAACACACAGCAACAGGAGGGACCTTGCCCTGGCACCAACAACTAGATCAGTGCCCTTACCCGCTTC	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	CSGTTGGCATATGGCGGCCCGTGGCTTCAAAAAATGGCCACACTTTTTGCGTGATCCACCGCCCTTAACTGCTTCCGTTTTGCGACCACTGGTGACGATCTCAGGTGGAGGC	1801
2	BTX623_ARG3	99.3%	98.7%	CSGTTGGCATATGGCGGCCCGTGGCTTCAAAAAATGGCCACACTTTTTGCGTGATCCACCGCCCTTAACTGCTTCCGTTTTGCGACCACTGGTGACGATCTCAGGTGGAGGC	
3	BTX642_ARG3	99.3%	98.7%	CSGTTGGCATATGGCGGCCCGTGGCTTCAAAAAATGGCCACACTTTTTGCGTGATCCACCGCCCTTAACTGCTTCCGTTTTGCGACCACTGGTGACGATCTCAGGTGGAGGC	
4	SbRio_ARG3	99.5%	99.0%	CSGTTGGCATATGGCGGCCCGTGGCTTCAAAAAATGGCCACACTTTTTGCGTGATCCACCGCCCTTAACTGCTTCCGTTTTGCGACCACTGGTGACGATCTCAGGTGGAGGC	
5	RTX430_ARG3	99.7%	96.8%	CSGTTGGCATATGGCGGCCCGTGGCTTCAAAAAATGGCCACACTTTTTGCGTGATCCACCGCCCTTAACTGCTTCCGTTTTGCGACCACTGGTGACGATCTCAGGTGGAGGC	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	AACCTTGAATCTTCTGCTGGGTGTCAGCATTTGGGGTTTGACCGGATCTGTGATATAGTGGCCCTACAGGCCAGTTCCAGTGGCGGGCACCTACCTTTGGTGGTTCAACGATGGTCAAA	2041
2	BTX623_ARG3	99.3%	98.7%	AACCTTGAATCTTCTGCTGGGTGTCAGCATTTGGGGTTTGACCGGATCTGTGATATAGTGGCCCTACAGGCCAGTTCCAGTGGCGGGCACCTACCTTTGGTGGTTCAACGATGGTCAAA	
3	BTX642_ARG3	99.3%	98.7%	AACCTTGAATCTTCTGCTGGGTGTCAGCATTTGGGGTTTGACCGGATCTGTGATATAGTGGCCCTACAGGCCAGTTCCAGTGGCGGGCACCTACCTTTGGTGGTTCAACGATGGTCAAA	
4	SbRio_ARG3	99.5%	99.0%	AACCTTGAATCTTCTGCTGGGTGTCAGCATTTGGGGTTTGACCGGATCTGTGATATAGTGGCCCTACAGGCCAGTTCCAGTGGCGGGCACCTACCTTTGGTGGTTCAACGATGGTCAAA	
5	RTX430_ARG3	99.7%	96.8%	AACCTTGAATCTTCTGCTGGGTGTCAGCATTTGGGGTTTGACCGGATCTGTGATATAGTGGCCCTACAGGCCAGTTCCAGTGGCGGGCACCTACCTTTGGTGGTTCAACGATGGTCAAA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	CAACATAGCAATGTTGGTCCATGGACGATGCTGGTGGGTATACCCCAACAGTCAGTCCCAACCTCAGTGGGAAGCCCGTTGAGGCCCTTACCATCTTTTGTGCGGATCTGAGTGA	2161
2	BTX623_ARG3	99.3%	98.7%	CAACATAGCAATGTTGGTCCATGGACGATGCTGGTGGGTATACCCCAACAGTCAGTCCCAACCTCAGTGGGAAGCCCGTTGAGGCCCTTACCATCTTTTGTGCGGATCTGAGTGA	
3	BTX642_ARG3	99.3%	98.7%	CAACATAGCAATGTTGGTCCATGGACGATGCTGGTGGGTATACCCCAACAGTCAGTCCCAACCTCAGTGGGAAGCCCGTTGAGGCCCTTACCATCTTTTGTGCGGATCTGAGTGA	
4	SbRio_ARG3	99.5%	99.0%	CAACATAGCAATGTTGGTCCATGGACGATGCTGGTGGGTATACCCCAACAGTCAGTCCCAACCTCAGTGGGAAGCCCGTTGAGGCCCTTACCATCTTTTGTGCGGATCTGAGTGA	
5	RTX430_ARG3	99.7%	96.8%	CAACATAGCAATGTTGGTCCATGGACGATGCTGGTGGGTATACCCCAACAGTCAGTCCCAACCTCAGTGGGAAGCCCGTTGAGGCCCTTACCATCTTTTGTGCGGATCTGAGTGA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	AAGCATAGTACGCTTTTACCGGTCGTGAGCGAGCGGTCTCTCAGAGCTTTTCTCCCTCCCTTGAAGACCTAGCGTTAGGAGGGTCCCTCATAGGTCATGGAGGCTTGATCTCCGCTTCTTT	2280
2	BTX623_ARG3	99.3%	98.7%	AAGCATAGTACGCTTTTACCGGTCGTGAGCGAGCGGTCTCTCAGAGCTTTTCTCCCTCCCTTGAAGACCTAGCGTTAGGAGGGTCCCTCATAGGTCATGGAGGCTTGATCTCCGCTTCTTT	
3	BTX642_ARG3	99.3%	98.7%	AAGCATAGTACGCTTTTACCGGTCGTGAGCGAGCGGTCTCTCAGAGCTTTTCTCCCTCCCTTGAAGACCTAGCGTTAGGAGGGTCCCTCATAGGTCATGGAGGCTTGATCTCCGCTTCTTT	
4	SbRio_ARG3	99.5%	99.0%	AAGCATAGTACGCTTTTACCGGTCGTGAGCGAGCGGTCTCTCAGAGCTTTTCTCCCTCCCTTGAAGACCTAGCGTTAGGAGGGTCCCTCATAGGTCATGGAGGCTTGATCTCCGCTTCTTT	

5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	2281	4
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	2401	5
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	2521	6
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	2641	7
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	2761	8
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	2881	9
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	3001	1
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	3121	2
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	3241	3
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		
		cov	pid	3361	4
1	IS18760_ARG3	100.0%	100.0%		
2	BTX623_ARG3	99.3%	98.7%		
3	BTX642_ARG3	99.3%	98.7%		
4	SbRio_ARG3	99.5%	99.0%		
5	RTX430_ARG3	99.7%	96.8%		




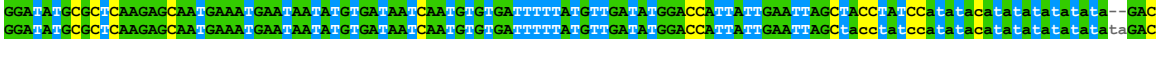

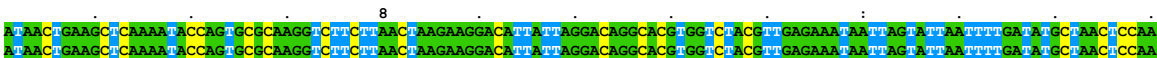
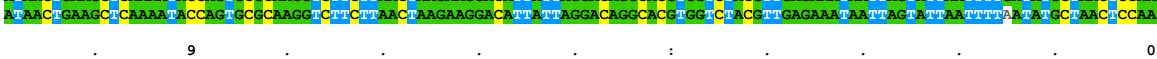

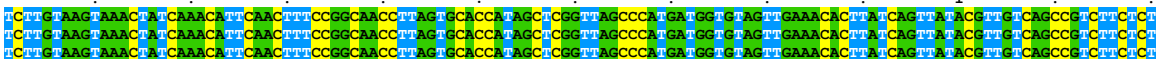

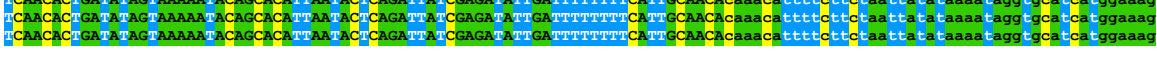
[illegible]

*Dissertation, Demeke Mewa Bayable, Department of Botany and Plant Pathology - Purdue University (December 2020)*

1	IS18760_ARG3	100.0%	100.0%	AGAAACCTTGGCCCCCACCSCACATTAGTTCCGAGAACACAAACCCCTTCCCGAGGACCTCCTGGGAGGAGCCGCAATGGCTTCGSGGGGACCTAGGCGACACGCCAAGGGCAA	
2	BTX623_ARG3	99.3%	98.7%	AGAAACCTTGGCCCCCACCSCACATTAGTTCCGAGAACACAAACCCCTTCCCGAGGACCTCCTGGGAGGAGCCGCAATGGCTTCGSGGGGACCTAGGCGACACGCCAAGGGCAA	
3	BTX642_ARG3	99.3%	98.7%	AGAAACCTTGGCCCCCACCSCACATTAGTTCCGAGAACACAAACCCCTTCCCGAGGACCTCCTGGGAGGAGCCGCAATGGCTTCGSGGGGACCTAGGCGACACGCCAAGGGCAA	
4	SbRio_ARG3	99.5%	99.0%	AGAAACCTTGGCCCCCACCSCACATTAGTTCCGAGAACACAAACCCCTTCCCGAGGACCTCCTGGGAGGAGCCGCAATGGCTTCGSGGGGACCTAGGCGACACGCCAAGGGCAA	
5	RTX430_ARG3	99.7%	96.8%	AGAAACCTTGGCCCCCACCSCACATTAGTTCCGAGAACACAAACCCCTTCCCGAGGACCTCCTGGGAGGAGCCGCAATGGCTTCGSGGGGACCTAGGCGACACGCCAAGGGCAA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6001	1 6120
2	BTX623_ARG3	99.3%	98.7%	GATGGAAGCAAGCCAAAGGGGCTCTTTTTCCTGCTCAGTGAGTGCATTAGCCAAACCCCAAGGGAACTCTGAGAATTTCAAAATACGAAATGAACATCTCTCCCTGATGCCAGTCCG	
3	BTX642_ARG3	99.3%	98.7%	GATGGAAGCAAGCCAAAGGGGCTCTTTTTCCTGCTCAGTGAGTGCATTAGCCAAACCCCAAGGGAACTCTGAGAATTTCAAAATACGAAATGAACATCTCTCCCTGATGCCAGTCCG	
4	SbRio_ARG3	99.5%	99.0%	GATGGAAGCAAGCCAAAGGGGCTCTTTTTCCTGCTCAGTGAGTGCATTAGCCAAACCCCAAGGGAACTCTGAGAATTTCAAAATACGAAATGAACATCTCTCCCTGATGCCAGTCCG	
5	RTX430_ARG3	99.7%	96.8%	GATGGAAGCAAGCCAAAGGGGCTCTTTTTCCTGCTCAGTGAGTGCATTAGCCAAACCCCAAGGGAACTCTGAGAATTTCAAAATACGAAATGAACATCTCTCCCTGATGCCAGTCCG	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6121	2 6240
2	BTX623_ARG3	99.3%	98.7%	ATCAAGCTCTCGGCTTCCATAGCCCATACCCCTGAAGATGGAAGTGTAGCGAAGCTGTTTCTGCTATCAGCTCTCTGCAATCGCTGACATCTTGGCATTCAGCAGGGTAAAAACGGG	
3	BTX642_ARG3	99.3%	98.7%	ATCAAGCTCTCGGCTTCCATAGCCCATACCCCTGAAGATGGAAGTGTAGCGAAGCTGTTTCTGCTATCAGCTCTCTGCAATCGCTGACATCTTGGCATTCAGCAGGGTAAAAACGGG	
4	SbRio_ARG3	99.5%	99.0%	ATCAAGCTCTCGGCTTCCATAGCCCATACCCCTGAAGATGGAAGTGTAGCGAAGCTGTTTCTGCTATCAGCTCTCTGCAATCGCTGACATCTTGGCATTCAGCAGGGTAAAAACGGG	
5	RTX430_ARG3	99.7%	96.8%	ATCAAGCTCTCGGCTTCCATAGCCCATACCCCTGAAGATGGAAGTGTAGCGAAGCTGTTTCTGCTATCAGCTCTCTGCAATCGCTGACATCTTGGCATTCAGCAGGGTAAAAACGGG	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6241	3 6360
2	BTX623_ARG3	99.3%	98.7%	TAACTTTTGTACTTCAGATAGTAATGATGGAAGAGCTTATCCCCTGATATTTTCGGCCACCCCTATGGCTTAATGGAGTTACAGAGCCGACCTATAAATGCGCTATAATAGAAATAAACT	
3	BTX642_ARG3	99.3%	98.7%	TAACTTTTGTACTTCAGATAGTAATGATGGAAGAGCTTATCCCCTGATATTTTCGGCCACCCCTATGGCTTAATGGAGTTACAGAGCCGACCTATAAATGCGCTATAATAGAAATAAACT	
4	SbRio_ARG3	99.5%	99.0%	TAACTTTTGTACTTCAGATAGTAATGATGGAAGAGCTTATCCCCTGATATTTTCGGCCACCCCTATGGCTTAATGGAGTTACAGAGCCGACCTATAAATGCGCTATAATAGAAATAAACT	
5	RTX430_ARG3	99.7%	96.8%	TAACTTTTGTACTTCAGATAGTAATGATGGAAGAGCTTATCCCCTGATATTTTCGGCCACCCCTATGGCTTAATGGAGTTACAGAGCCGACCTATAAATGCGCTATAATAGAAATAAACT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6361	4 6480
2	BTX623_ARG3	99.3%	98.7%	ATAAATTCACATTTTACCGCTTTCCTGCGCAAAAGGATCTGGAAGCTCTCAGTTCTCGCTAGCAGCTTTGCTCTTGGCCCTGCTGCTACCCCTTTCTGCTCAGCTGCAAGATTTCTCT	
3	BTX642_ARG3	99.3%	98.7%	ATAAATTCACATTTTACCGCTTTCCTGCGCAAAAGGATCTGGAAGCTCTCAGTTCTCGCTAGCAGCTTTGCTCTTGGCCCTGCTGCTACCCCTTTCTGCTCAGCTGCAAGATTTCTCT	
4	SbRio_ARG3	99.5%	99.0%	ATAAATTCACATTTTACCGCTTTCCTGCGCAAAAGGATCTGGAAGCTCTCAGTTCTCGCTAGCAGCTTTGCTCTTGGCCCTGCTGCTACCCCTTTCTGCTCAGCTGCAAGATTTCTCT	
5	RTX430_ARG3	99.7%	96.8%	ATAAATTCACATTTTACCGCTTTCCTGCGCAAAAGGATCTGGAAGCTCTCAGTTCTCGCTAGCAGCTTTGCTCTTGGCCCTGCTGCTACCCCTTTCTGCTCAGCTGCAAGATTTCTCT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6481	5 6600
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3	BTX642_ARG3	99.3%	98.7%	AGTAGGAGAAACCTTTCAGCTCTCTGATGCTTACCTTGGCCCCGATCAGGGCAAAATACCTAGATCCGCTGATCGGCTGGGGTCCCTCCGGCCACCAAGCAGTTGCTCTCTTGCAGTT	
4	SbRio_ARG3	99.5%	99.0%	AGTAGGAGAAACCTTTCAGCTCTCTGATGCTTACCTTGGCCCCGATCAGGGCAAAATACCTAGATCCGCTGATCGGCTGGGGTCCCTCCGGCCACCAAGCAGTTGCTCTCTTGCAGTT	
5	RTX430_ARG3	99.7%	96.8%	AGTAGGAGAAACCTTTCAGCTCTCTGATGCTTACCTTGGCCCCGATCAGGGCAAAATACCTAGATCCGCTGATCGGCTGGGGTCCCTCCGGCCACCAAGCAGTTGCTCTCTTGCAGTT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6601	6 6720
2	BTX623_ARG3	99.3%	98.7%	GCAGCTACAGCCAAAAGGGCCAGCCGATCAGGGATCCCCAAAAGCCCTGCTGCTTGTCTCAGCTGCTCTACAAACACAGCAGCAATTTCTCCAGACCTGCTACACTTGCCTGGCCAGA	
3	BTX642_ARG3	99.3%	98.7%	GCAGCTACAGCCAAAAGGGCCAGCCGATCAGGGATCCCCAAAAGCCCTGCTGCTGCTTGTCTCAGCTGCTCTACAAACACAGCAGCAATTTCTCCAGACCTGCTACACTTGCCTGGCCAGA	
4	SbRio_ARG3	99.5%	99.0%	GCAGCTACAGCCAAAAGGGCCAGCCGATCAGGGATCCCCAAAAGCCCTGCTGCTGCTTGTCTCAGCTGCTCTACAAACACAGCAGCAATTTCTCCAGACCTGCTACACTTGCCTGGCCAGA	
5	RTX430_ARG3	99.7%	96.8%	GCAGCTACAGCCAAAAGGGCCAGCCGATCAGGGATCCCCAAAAGCCCTGCTGCTGCTTGTCTCAGCTGCTCTACAAACACAGCAGCAATTTCTCCAGACCTGCTACACTTGCCTGGCCAGA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6721	7 6840
2	BTX623_ARG3	99.3%	98.7%	GGTGCAACCTCCCAAACTCTTTTTCCTCCCTTTTGCAAAAAAAGAGATGCTGATATAGGTTTGAGATAGTTATTTTTTTTAACTTTGACTACATTTATAAAAAAACATTTATCTTT	
3	BTX642_ARG3	99.3%	98.7%	GGTGCAACCTCCCAAACTCTTTTTCCTCCCTTTTGCAAAAAAAGAGATGCTGATATAGGTTTGAGATAGTTATTTTTTTTAACTTTGACTACATTTATAAAAAAACATTTATCTTT	
4	SbRio_ARG3	99.5%	99.0%	GGTGCAACCTCCCAAACTCTTTTTCCTCCCTTTTGCAAAAAAAGAGATGCTGATATAGGTTTGAGATAGTTATTTTTTTTAACTTTGACTACATTTATAAAAAAACATTTATCTTT	
5	RTX430_ARG3	99.7%	96.8%	GGTGCAACCTCCCAAACTCTTTTTCCTCCCTTTTGCAAAAAAAGAGATGCTGATATAGGTTTGAGATAGTTATTTTTTTTAACTTTGACTACATTTATAAAAAAACATTTATCTTT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6841	8 6960
2	BTX623_ARG3	99.3%	98.7%	AAATGGATTTATTTTAAAAAATATTTTTTAATTAATTAATTTGATATTTTGATATTTAAAAATTTAGTACTACATGTTTAAAGAAAATTAGACTTTGTTAGTTTTTCTCTAAAGT	
3	BTX642_ARG3	99.3%	98.7%	AAATGGATTTATTTTAAAAAATATTTTTTAATTAATTAATTTGATATTTTGATATTTAAAAATTTAGTACTACATGTTTAAAGAAAATTAGACTTTGTTAGTTTTTCTCTAAAGT	
4	SbRio_ARG3	99.5%	99.0%	AAATGGATTTATTTTAAAAAATATTTTTTAATTAATTAATTTGATATTTTGATATTTAAAAATTTAGTACTACATGTTTAAAGAAAATTAGACTTTGTTAGTTTTTCTCTAAAGT	
5	RTX430_ARG3	99.7%	96.8%	AAATGGATTTATTTTAAAAAATATTTTTTAATTAATTAATTTGATATTTTGATATTTAAAAATTTAGTACTACATGTTTAAAGAAAATTAGACTTTGTTAGTTTTTCTCTAAAGT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	6961	9 7080
2	BTX623_ARG3	99.3%	98.7%	TTACTCTCCCAATTAATTTGGACGATAGCTTAAATTTAAATATATCTCTACATTAATAAAAAAACCTAGAGGGTTCTGCGCTAACTTTGCCCCAGCTCCCAATATCCCAATTTGGCT	
3	BTX642_ARG3	99.3%	98.7%	TTACTCTCCCAATTAATTTGGACGATAGCTTAAATTTAAATATATCTCTACATTAATAAAAAAACCTAGAGGGTTCTGCGCTAACTTTGCCCCAGCTCCCAATATCCCAATTTGGCT	
4	SbRio_ARG3	99.5%	99.0%	TTACTCTCCCAATTAATTTGGACGATAGCTTAAATTTAAATATATCTCTACATTAATAAAAAAACCTAGAGGGTTCTGCGCTAACTTTGCCCCAGCTCCCAATATCCCAATTTGGCT	
5	RTX430_ARG3	99.7%	96.8%	TTACTCTCCCAATTAATTTGGACGATAGCTTAAATTTAAATATATCTCTACATTAATAAAAAAACCTAGAGGGTTCTGCGCTAACTTTGCCCCAGCTCCCAATATCCCAATTTGGCT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	7081	1 7200
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	7081	2 7200
		cov	pid		

2	BTX623_ARG3	99.3%	98.7%	ACGGAGACCTCCGAAATAGAAACGTAACTACGTACGCAATCCCTCCCCACGGATCAGCTTTCGCAAGTGGCTTCTTAGACTTGGGAGCATCTCAAACTCTGAAATCAGTCGAA	
3	BTX642_ARG3	99.3%	98.7%	ACGGAGACCTCCGAAATAGAAACGTAACTACGTACGCAATCCCTCCCCACGGATCAGCTTTCGCAAGTGGCTTCTTAGACTTGGGAGCATCTCAAACTCTGAAATCAGTCGAA	
4	SbRio_ARG3	99.5%	99.0%	ACGGAGACCTCCGAAATAGAAACGTAACTACGTACGCAATCCCTCCCCACGGATCAGCTTTCGCAAGTGGCTTCTTAGACTTGGGAGCATCTCAAACTCTGAAATCAGTCGAA	
5	RTX430_ARG3	99.7%	96.8%	ACGGAGACCTCCGAAATAGAAACGTAACTACGTACGCAATCCCTCCCCACGGATCAGCTTTCGCAAGTGGCTTCTTAGACTTGGGAGCATCTCAAACTCTGAAATCAGTCGAA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	ACACGTACGAGAGTGAATCGGCTCACGTCACGTTTGGGACATTTCCAAATCAATCCGCTTCTCAAGCTTGACACGGCATGCCATCGACAAACGCACTCACTAGTTCTTGCAGAGTT	7201
2	BTX623_ARG3	99.3%	98.7%	ACACGTACGAGAGTGAATCGGCTCACGTCACGTTTGGGACATTTCCAAATCAATCCGCTTCTCAAGCTTGACACGGCATGCCATCGACAAACGCACTCACTAGTTCTTGCAGAGTT	
3	BTX642_ARG3	99.3%	98.7%	ACACGTACGAGAGTGAATCGGCTCACGTCACGTTTGGGACATTTCCAAATCAATCCGCTTCTCAAGCTTGACACGGCATGCCATCGACAAACGCACTCACTAGTTCTTGCAGAGTT	
4	SbRio_ARG3	99.5%	99.0%	ACACGTACGAGAGTGAATCGGCTCACGTCACGTTTGGGACATTTCCAAATCAATCCGCTTCTCAAGCTTGACACGGCATGCCATCGACAAACGCACTCACTAGTTCTTGCAGAGTT	
5	RTX430_ARG3	99.7%	96.8%	ACACGTACGAGAGTGAATCGGCTCACGTCACGTTTGGGACATTTCCAAATCAATCCGCTTCTCAAGCTTGACACGGCATGCCATCGACAAACGCACTCACTAGTTCTTGCAGAGTT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	ACCAATCTCAGCTCTCAATCCCTTTTACCTGAAAAAAATTCACCAAAACATCTAGATATATTCGACGCTTTCCACGCTCTATCAGTTTGCCAACTAAAGTAAAAAAGTCTGGGGAAG	7321
2	BTX623_ARG3	99.3%	98.7%	ACCAATCTCAGCTCTCAATCCCTTTTACCTGAAAAAAATTCACCAAAACATCTAGATATATTCGACGCTTTCCACGCTCTATCAGTTTGCCAACTAAAGTAAAAAAGTCTGGGGAAG	
3	BTX642_ARG3	99.3%	98.7%	ACCAATCTCAGCTCTCAATCCCTTTTACCTGAAAAAAATTCACCAAAACATCTAGATATATTCGACGCTTTCCACGCTCTATCAGTTTGCCAACTAAAGTAAAAAAGTCTGGGGAAG	
4	SbRio_ARG3	99.5%	99.0%	ACCAATCTCAGCTCTCAATCCCTTTTACCTGAAAAAAATTCACCAAAACATCTAGATATATTCGACGCTTTCCACGCTCTATCAGTTTGCCAACTAAAGTAAAAAAGTCTGGGGAAG	
5	RTX430_ARG3	99.7%	96.8%	ACCAATCTCAGCTCTCAATCCCTTTTACCTGAAAAAAATTCACCAAAACATCTAGATATATTCGACGCTTTCCACGCTCTATCAGTTTGCCAACTAAAGTAAAAAAGTCTGGGGAAG	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	AAAAAATACTAGAAAAAGGCTTCTCATGCAATCTAAGAGAGAAATAATTAATAAAGAGAAGTAGACTTGATGATGAAAAATGACATGGTTTATTCTATCAATTTTAGCTCT	7441
2	BTX623_ARG3	99.3%	98.7%	AAAAAATACTAGAAAAAGGCTTCTCATGCAATCTAAGAGAGAAATAATTAATAAAGAGAAGTAGACTTGATGATGAAAAATGACATGGTTTATTCTATCAATTTTAGCTCT	
3	BTX642_ARG3	99.3%	98.7%	AAAAAATACTAGAAAAAGGCTTCTCATGCAATCTAAGAGAGAAATAATTAATAAAGAGAAGTAGACTTGATGATGAAAAATGACATGGTTTATTCTATCAATTTTAGCTCT	
4	SbRio_ARG3	99.5%	99.0%	AAAAAATACTAGAAAAAGGCTTCTCATGCAATCTAAGAGAGAAATAATTAATAAAGAGAAGTAGACTTGATGATGAAAAATGACATGGTTTATTCTATCAATTTTAGCTCT	
5	RTX430_ARG3	99.7%	96.8%	AAAAAATACTAGAAAAAGGCTTCTCATGCAATCTAAGAGAGAAATAATTAATAAAGAGAAGTAGACTTGATGATGAAAAATGACATGGTTTATTCTATCAATTTTAGCTCT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	CACCTCAATTTAAATTTTTCAGGAGAGGATCTTTTGGCTACGACAGAGCAATTTTCCCTCGGGTGATGCGAGTCCAGGCCAATTAGCCGCTTGGAACTACCCAAATCTTA	7561
2	BTX623_ARG3	99.3%	98.7%	CACCTCAATTTAAATTTTTCAGGAGAGGATCTTTTGGCTACGACAGAGCAATTTTCCCTCGGGTGATGCGAGTCCAGGCCAATTAGCCGCTTGGAACTACCCAAATCTTA	
3	BTX642_ARG3	99.3%	98.7%	CACCTCAATTTAAATTTTTCAGGAGAGGATCTTTTGGCTACGACAGAGCAATTTTCCCTCGGGTGATGCGAGTCCAGGCCAATTAGCCGCTTGGAACTACCCAAATCTTA	
4	SbRio_ARG3	99.5%	99.0%	CACCTCAATTTAAATTTTTCAGGAGAGGATCTTTTGGCTACGACAGAGCAATTTTCCCTCGGGTGATGCGAGTCCAGGCCAATTAGCCGCTTGGAACTACCCAAATCTTA	
5	RTX430_ARG3	99.7%	96.8%	CACCTCAATTTAAATTTTTCAGGAGAGGATCTTTTGGCTACGACAGAGCAATTTTCCCTCGGGTGATGCGAGTCCAGGCCAATTAGCCGCTTGGAACTACCCAAATCTTA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	AAACAAAATTGACAGAGGGCCACGCTTGTGCAATTTCAATAGAGAAAGCGATCAAGTGAACCGGGACCTATCTGAAATTAATTTTGTCCAAACCTTTTTTTAAGTCAAATTT	7681
2	BTX623_ARG3	99.3%	98.7%	AAACAAAATTGACAGAGGGCCACGCTTGTGCAATTTCAATAGAGAAAGCGATCAAGTGAACCGGGACCTATCTGAAATTAATTTTGTCCAAACCTTTTTTTAAGTCAAATTT	
3	BTX642_ARG3	99.3%	98.7%	AAACAAAATTGACAGAGGGCCACGCTTGTGCAATTTCAATAGAGAAAGCGATCAAGTGAACCGGGACCTATCTGAAATTAATTTTGTCCAAACCTTTTTTTAAGTCAAATTT	
4	SbRio_ARG3	99.5%	99.0%	AAACAAAATTGACAGAGGGCCACGCTTGTGCAATTTCAATAGAGAAAGCGATCAAGTGAACCGGGACCTATCTGAAATTAATTTTGTCCAAACCTTTTTTTAAGTCAAATTT	
5	RTX430_ARG3	99.7%	96.8%	AAACAAAATTGACAGAGGGCCACGCTTGTGCAATTTCAATAGAGAAAGCGATCAAGTGAACCGGGACCTATCTGAAATTAATTTTGTCCAAACCTTTTTTTAAGTCAAATTT	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	ATCTTCCTAATAGACTTAATCTTAAATCTTGCTTTAACTCAACAGGAGTGTGTGGGGTAGTTTGGTGAACCTTCACACAGTTTATAACAAAGTGAGTTTATAACAAACGGA	7801
2	BTX623_ARG3	99.3%	98.7%	ATCTTCCTAATAGACTTAATCTTAAATCTTGCTTTAACTCAACAGGAGTGTGTGGGGTAGTTTGGTGAACCTTCACACAGTTTATAACAAAGTGAGTTTATAACAAACGGA	
3	BTX642_ARG3	99.3%	98.7%	ATCTTCCTAATAGACTTAATCTTAAATCTTGCTTTAACTCAACAGGAGTGTGTGGGGTAGTTTGGTGAACCTTCACACAGTTTATAACAAAGTGAGTTTATAACAAACGGA	
4	SbRio_ARG3	99.5%	99.0%	ATCTTCCTAATAGACTTAATCTTAAATCTTGCTTTAACTCAACAGGAGTGTGTGGGGTAGTTTGGTGAACCTTCACACAGTTTATAACAAAGTGAGTTTATAACAAACGGA	
5	RTX430_ARG3	99.7%	96.8%	ATCTTCCTAATAGACTTAATCTTAAATCTTGCTTTAACTCAACAGGAGTGTGTGGGGTAGTTTGGTGAACCTTCACACAGTTTATAACAAAGTGAGTTTATAACAAACGGA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	GTATACATCCATCAAACTGGAGTATACATCCCTCAAAATTTCTCCCGCCCAACCCAGCTTCCCCCCC-----CCCCGATGGATCCGCGCCACCAGGGACAGGGAGGAGCTA	7921
2	BTX623_ARG3	99.3%	98.7%	GTATACATCCATCAAACTGGAGTATACATCCCTCAAAATTTCTCCCGCCCAACCCAGCTTCCCCCCC-----CCCCGATGGATCCGCGCCACCAGGGACAGGGAGGAGCTA	
3	BTX642_ARG3	99.3%	98.7%	GTATACATCCATCAAACTGGAGTATACATCCCTCAAAATTTCTCCCGCCCAACCCAGCTTCCCCCCC-----CCCCGATGGATCCGCGCCACCAGGGACAGGGAGGAGCTA	
4	SbRio_ARG3	99.5%	99.0%	GTATACATCCATCAAACTGGAGTATACATCCCTCAAAATTTCTCCCGCCCAACCCAGCTTCCCCCCC-----CCCCGATGGATCCGCGCCACCAGGGACAGGGAGGAGCTA	
5	RTX430_ARG3	99.7%	96.8%	GTATACATCCATCAAACTGGAGTATACATCCCTCAAAATTTCTCCCGCCCAACCCAGCTTCCCCCCC-----CCCCGATGGATCCGCGCCACCAGGGACAGGGAGGAGCTA	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	GAGCCCCGAAACCCCGCCCTTCCCCGACCGCGACGACCCAGAGACCTCCCGATCGGAAAGCGAGAGGGATCCCCTCCACCGCCGCCCTCCCTCTGCGCCAGCAGCTCACTGAGGGAAGG	8041
2	BTX623_ARG3	99.3%	98.7%	GAGCCCCGAAACCCCGCCCTTCCCCGACCGCGACGACCCAGAGACCTCCCGATCGGAAAGCGAGAGGGATCCCCTCCACCGCCGCCCTCCCTCTGCGCCAGCAGCTCACTGAGGGAAGG	
3	BTX642_ARG3	99.3%	98.7%	GAGCCCCGAAACCCCGCCCTTCCCCGACCGCGACGACCCAGAGACCTCCCGATCGGAAAGCGAGAGGGATCCCCTCCACCGCCGCCCTCCCTCTGCGCCAGCAGCTCACTGAGGGAAGG	
4	SbRio_ARG3	99.5%	99.0%	GAGCCCCGAAACCCCGCCCTTCCCCGACCGCGACGACCCAGAGACCTCCCGATCGGAAAGCGAGAGGGATCCCCTCCACCGCCGCCCTCCCTCTGCGCCAGCAGCTCACTGAGGGAAGG	
5	RTX430_ARG3	99.7%	96.8%	GAGCCCCGAAACCCCGCCCTTCCCCGACCGCGACGACCCAGAGACCTCCCGATCGGAAAGCGAGAGGGATCCCCTCCACCGCCGCCCTCCCTCTGCGCCAGCAGCTCACTGAGGGAAGG	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	GATTCCTAATGCATCTGTGCTTTTCSAGCAGGTGGGCTTGGCAGGTATAGGCGCTTCTACTCTCATATCCATAGCATTCACCGTCTCAACGGCGTAGCTGGACCTAGGGACGACGATGACTTG	8161
2	BTX623_ARG3	99.3%	98.7%	GATTCCTAATGCATCTGTGCTTTTCSAGCAGGTGGGCTTGGCAGGTATAGGCGCTTCTACTCTCATATCCATAGCATTCACCGTCTCAACGGCGTAGCTGGACCTAGGGACGACGATGACTTG	
3	BTX642_ARG3	99.3%	98.7%	GATTCCTAATGCATCTGTGCTTTTCSAGCAGGTGGGCTTGGCAGGTATAGGCGCTTCTACTCTCATATCCATAGCATTCACCGTCTCAACGGCGTAGCTGGACCTAGGGACGACGATGACTTG	
4	SbRio_ARG3	99.5%	99.0%	GATTCCTAATGCATCTGTGCTTTTCSAGCAGGTGGGCTTGGCAGGTATAGGCGCTTCTACTCTCATATCCATAGCATTCACCGTCTCAACGGCGTAGCTGGACCTAGGGACGACGATGACTTG	
5	RTX430_ARG3	99.7%	96.8%	GATTCCTAATGCATCTGTGCTTTTCSAGCAGGTGGGCTTGGCAGGTATAGGCGCTTCTACTCTCATATCCATAGCATTCACCGTCTCAACGGCGTAGCTGGACCTAGGGACGACGATGACTTG	
		cov	pid		
1	IS18760_ARG3	100.0%	100.0%	GGCTTGTCTGGACGAATTTGGTAGATGAAACATCTTAGAAGACGACTTGGACCTGCTGGATGAGCTCATCTGGGAAGAAGCGAGGAGCGGTGAGTCTGTATTAGCCTAGAGTTGGCAACATC	8281
2	BTX623_ARG3	99.3%	98.7%	GGCTTGTCTGGACGAATTTGGTAGATGAAACATCTTAGAAGACGACTTGGACCTGCTGGATGAGCTCATCTGGGAAGAAGCGAGGAGCGGTGAGTCTGTATTAGCCTAGAGTTGGCAACATC	



3	BTX642_ARG3	99.3%	98.7%		8401	5	8520
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%				
2	BTX623_ARG3	99.3%	98.7%		8521	6	8640
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		8641	7	8760
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		8761	8	8880
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		8881	9	9000
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		9001	1	9120
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		9121	2	9240
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		9241	3	9360
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		9361	4	9480
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		9481	5	9600
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				
1	IS18760_ARG3	100.0%	100.0%		9481	6	9600
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	SbRio_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
		cov	pid				



4	Sbr10_ARG3	99.5%	99.0%		19601	7	9720
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		19721	8	9840
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		19841	9	9960
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		19961	0	10080
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10081	1	10200
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10201	2	10320
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10321	3	10440
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10441	4	10560
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10561	5	10680
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10681	6	10800
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10801	7	10800
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		
1	IS18760_ARG3	100.0%	100.0%		10801	8	10800
2	BTX623_ARG3	99.3%	98.7%				
3	BTX642_ARG3	99.3%	98.7%				
4	Sbr10_ARG3	99.5%	99.0%				
5	RTX430_ARG3	99.7%	96.8%				
				cov	pid		









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