

IPCD ID	Source	Title	LasR Sequence	Mismatch	Gaps	% Identity	Query Cover	Bitscore	E-value	Sequencing
A17	human leg ulcer	NSU01000014.1 Pseudomonas aeruginosa strain A17 IPC693_14.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCGTTAATTGGGCTCTTATTCTCTGA	1	0	99.861	100	1325	0	correct
SWPA15J = NSWPA15a	Belgium environmental	NSUP01000006.1 Pseudomonas aeruginosa strain SWPA15J=NSWPA15a IPC699_6.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGAGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCGTTAATTGGGCTCTTATTCTCTGA	0	0	100	100	1330	0	correct
C5311	CF	NSU001000002.1 Pseudomonas aeruginosa strain C5311 IPC700_2.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGAGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCGTTAATTGGGCTCTTATTCTCTGA	0	0	100	100	1330	0	wrong
CND03	human wound	NSUL01000020.1 Pseudomonas aeruginosa strain CND03 IPC706_20.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGAGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCGTTAATTGGGCTCTTATTCTCTGA	3	11	98.056	100	1242	0	correct
5BR2	CF	NSUJ01000014.1 Pseudomonas aeruginosa strain 5BR2 IPC713_14.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGAGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCGTTAATTGGGCTCTTATTCTCTGA	0	0	100	100	1330	0	correct
C3128	CF	NSUI01000003.1 Pseudomonas aeruginosa strain C3128 IPC715_3.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGAGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCTGTTAATTGGGCTCTTATTCTCTGA	1	0	99.861	100	1325	0	wrong
Co380791	human	NSUH01000028.1 Pseudomonas aeruginosa strain Co380791 IPC718_28.1, whole genome shotgun sequence	GCCTAAGGACAGCAGGACTACGAGAAGCGCTTATCGTTCGGCAACTACCCGCCGCTGGCGCGAGTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCCTCGGCCGCGCTGGTATGAGTGGCTGACCATGCCGTGATGCGCTGCTCGCGGCAACTCGGCGCGCTGAGCTCAGCGTGAAGCGGAAAAACCGGGCTTTCATGAGTCTGCTGCGACCTTGGATGCTCAAGGAAGTACGCACTGAGAGCGGTGCGGACTGGCTTGAACATCCGCTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGTAAATTGGGCTTATTACTCTGA	0	0	100	83	1110	0	wrong
Co398373	Columbia environmental	NSVD01000009.1 Pseudomonas aeruginosa strain Co398373 IPC664_9.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGAGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCGTTAATTGGGCTCTTATTCTCTGA	0	0	100	100	1330	0	correct
CPHL2000	human wound	NSUB01000002.1 Pseudomonas aeruginosa strain CPHL2000 IPC729_2.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCTCTTTCGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTATCATGCTCGGCAACTACCCGCCGCTGGCGCGAGCAATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCACTCACTGTACCCAGAGCGTACTGCGGATTTCTGGGAACCGTCCATCTACAGACGCGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCCGCTGGTATGCGCTGACCATGCCGTGATGCTGCTCGCGGCAACTCGGCGCGCTGAGCCTCAGCTGGAAGCGGAAACCGGGCCGAGGCCAACCGTTTCATGAGTCTGCTCTGCCACCTTGGATGCTCAAGGAAGTACGCACTGCGAGAGCGGTGCGGACTGCGCTTCAAACTCCGTCAGCAAACCGGTGTTCTGACCAAGCGGAGAAAGGAGTGTTCAGTGTGCGCCATCGGCAAGACCACTGCGGAGATATCGTTATCTGCAACTCTCGGAAGCGCAATGTGAAGTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACTCCCGCCGCTAGCGGCATTATGCGCGTTAATTGGGCTCTTATTCTCTGA	2	0	99.722	100	1319	0	correct

Jp222	Japan environmental	RXFL0100009.1 <i>Pseudomonas aeruginosa</i> strain Jp222 IPC751_9.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTCTTCGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCGGGCTGGCTACGCGCGGGTGCACCAACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCGGCTGGTGTATGGGCTGACCATGCCGTGATGTTGCTCGCGCGGCGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGGGCGAGGCCAACCGTTTCATGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	3	0	99.57	97	1273	0	wrong
Jp238	Japan environmental	RXDC0100002.1 <i>Pseudomonas aeruginosa</i> strain Jp238 IPC754_2.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTGTTGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCGGCTGGTGTATGGGCTGACCATGCCGTGATGTTGCTCGCGCGGCAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGGGCGAGGCCAACCGTTTCATGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	0	0	100	100	1330	0	correct
Jp1155	Japan environmental	RXDA0100001.1 <i>Pseudomonas aeruginosa</i> strain Jp1155 IPC758_1.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTCTTCGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCG-----CGCGGGTGCACCGACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGCGCGCGGCTGGTGTATGGGCTGACCATGCCGTGCTCGCGCGGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGGGCGAGGCCAACCGTTTCATGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	1	11	98.333	100	1253	0	correct
Jp1170	Japan environmental	RXC01000026.1 <i>Pseudomonas aeruginosa</i> strain Jp1170 IPC759_26.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTCTTCGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCGGCTGGTGTATGGGCTGACCATGCCGTGATGTTGCTCGCGCGGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGGGCGAGGCCAACCGTTTCATGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	1	0	99.861	100	1325	0	wrong
W15Dec14	Belgium environmental	RXCT0100002.1 <i>Pseudomonas aeruginosa</i> strain W15Dec14 IPC826_2.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTGTTGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCGGCTGGTGTATGGGCTGACCATGCCGTGATGTTGCTCGCGCGGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGGGCGAGGCCAACCGTTTCATGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	0	0	100	100	1330	0	correct
W15Dec4	Belgium environmental	RXCS0100003.1 <i>Pseudomonas aeruginosa</i> strain W15Dec4 IPC828_3.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTGTTGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCGGCTGGTGTATGGGCTGACCATGCCGTGATGTTGCTCGCGCGGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGGGCGAGGCCAACCGTTTCATGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	0	1	99.844	89	1177	0	wrong
Aa249	human burn	NSSY0100001.1 <i>Pseudomonas aeruginosa</i> strain Aa249 IPC858_1.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTGTTGGCCTGTTGCTTAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGGCCGCGGCTGGTGTATGGGCTGACCATGCCGTGATGTTGCTCGCGCGGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGGGCGAGGCCAACCGTTTCATGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	0	0	100	100	1330	0	wrong
LMG5031	Puerto Rico environment	NSST0100001.1 <i>Pseudomonas aeruginosa</i> strain LMG5031 IPC878_1.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATGGAGTGAGGCCATCTCGAGAAGATGGCGAGCGACCTGGGGTTTTCGAAATCTCTGTCGCGCTGTACCGAAGGACAGCCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACAGGGCGGCTATCGCGGGTGCACCGACGGTCAGCATTGTACCCAGAGCGTCTGCCGATTTCTGGGAACCGTCCATCTACCAAGCAGCAAGTACGACGAGTTCTTCGAGGAAGCCTCGGCCGCGGCTGGTGTACGGGCTGACCATGCCGTGACGCTGTCGCGCGGCGAACTCGGCGCGCTGAGTCTGAGCGTGAGGCGGAGAGCCGGCGAGGCGAATCGCTTATGGAAGTTCGGTGTGTCGCGACCTTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	56	0	92.222	100	1020	0	wrong
PhDW6	human	NSSR0100002.1 <i>Pseudomonas aeruginosa</i> strain PhDW6 IPC880_20.1, whole genome shotgun sequence	CCTAAGGACAGCAGGACTACGAGAAGCGCTTCATCGTCGGCAACTACCCGCGCGCTGGCGGAGCATTACGACCGGGCTGGCTACGCGCGGGTGCACCGACGGTCAGTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAAGCGGAAAGCAGCAGAGTTCTTCGAGGAAGCCTCGCGCGCGCTGGTGTATGGGCTGACCATGCCGTGATGTTGCTCGCGCGGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGGAAACCGTTGGGAGTTCGTTCTGCCACCTGTGGATGCTCAAGGAAGTGTTCAGTGTGTCGCGCATCGGCAAGACCGTTGGGAGATATCGGTTATCTGCAACTCTCGGAAGCCAATGTGAACCTCCATATGGGAAATATTCGGCGGAAGTTCGGTGTGACCTCCGCGCGTAGCGGCATTATGGCCGTTAA	0	0	100	83	1109	0	wrong

PT31M	Germany environmental	NSSQ01000019.1 Pseudomonas aeruginosa strain PT31M IPC881_19.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATTGGAGTGAGCGCCATCTGCAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTGTTGCGCCTGTTGCTAAGGACAGCCAGGACTACGAGAAGCCTTCATCGTCGGCAACTACCGGCCGCTGGCGCGAGCATTACGACCGGGCTGGCTACGCGCGGGTCGACCCGACGGTCACTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAGACGCGAAAGCAGCACGAGTCTTCGAGGAAGCCTCGGCCGCGCCTGGTGATGGGCTGACCATGCCGCTGCATGTGCTCGCGGCGAACTCGGC-----GCGTGGAAGCGAAAAACCGGCCGAGGCCAACCGTTTCATGGAGTCGGTCTGCCAGCCCTGTGGATGCTCAAGGACTACGCACTGCAGAGCGGTGCCGGAATCGCCTTCGAACATCCGTCAGCAAAACCGTGTTCTGACCAAGCGGAGAAAGGTTTGCAGTGGTGCGCCATCGGCAAGACCAAGTTGGGAGATATCGGTTATCTGCAACTGCTCGGAAGCCAATGTGAATTCATATGGGAAATATTGGCGGAAGTTGCGTGTGACCTCCGCGCGCTAGCGGCCATTATGGCTGTTAATTGGGTCTTATTACTCTCTGA	1	13	98.056	100	1240	0	correct
JD303	CF	NSSM01000003.1 Pseudomonas aeruginosa strain JD303 IPC887_3.1, whole genome shotgun sequence	ATGGCCTTGGTTGACGGTTTTCTTGAGCTGGAACGCTCAAGTGAAAAATTGGAGTGAGCGCCATCTGCAGAAGATGGCGAGCGACCTTGGATTCTCGAAGATCCTGTTGCGCCTGTTGCTAAGGACAGCCAGGACTACGAGAAGCCTTCATCGTCGGCAACTACCGGCCGCTGGCGCGAGCATTACGACCGGGCTGGCTACGCGCGGGTCGACCCGACGGTCACTCACTGTACCCAGAGCGTACTGCCGATTTTCTGGGAACCGTCCATCTACCAGACGCGAAAGCAGCACGAGTCTTCGAGGAAGCCTCGGCCGCGCCTGGTGATGGGCTGACCATGCCGCTGCATGGTGTGCTCGCGCGAACTCGGCGCGCTGAGCCTCAGCGTGGAAGCGAAAAACCGGCCGAGGCCAACCGTTTCATGGAGTCGGTCTGCCGACCTGTGGATGCTCAAGGACTACGCACTGCAGAGCGGTGCCGGAATCGCCTTCGAACATCCGTCAGCAAAACCGTGTTCTGACCAAGCCGGAGAAAGGTTTGCAGTGGTGCGCCATCGGCAAGACCAAGTTGGGAGATATCGGTTATCTGCAACTGCTCGGAAGCCAATGTGAATTCATATGGGAAATATTGGCGGAAGTTGCGTGTGACCTCCGCGCGTAGCGGCCATTATGGCCGTTAATTGGGTCTTATTACTCTCTGA	0	0	100	100	1330	0	correct

	Key:
	lasR mutation
	Wildtype lasR
	Truncated nucleotide sequence
	Truncated protein