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**Sample type:** Bacterial culture

**Sample ID:** Z

**Collected on:** Culture Plates

**Received on:** 24/10/2017

**Report Release:** 30/10/2017 **Report Reference:** 1509

**Client details**

ROYAL PROPERTY



## SAMPLE-Z

### >FORWARD SEQUENCE :- (684 Bps)

TGGGCTAGTGTTAGGGGGTTTCCGCCCTTAGTGCTGCAGCTAACGCATTAAGCACTCCGCCTGGGGAGTACGGTTCG  
CAAGACTGAAACTCAAAGGAATTGACGGGGGCCCGACAAGCGGTGGAGCATGTGGTTAATTCGAAGCAACGCG  
AAGAACCTTACCAGGTCTTGACATCCTCTGACAATCCTAGAGATAGGACGTCCCCTTCGGGGCAGAGTGACAGGTG  
GTGCATGGTTGTCGTCAGCTCGTGTCTGTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCTTGATCTTAGTTG  
CCAGCATTAGTTGGGCACTCTAAGGTGACTGCCGGTGACAAACCGGAGGAAGGTGGGGATGACGTCAAATCATCA  
TGCCCTTATGACCTGGGCTACACACGTGCTACAATGGACAGAACAAGGGCAGCGAAACCGCGAGGTTAAGCCAA  
TCCCACAAATCTGTTCTCAGTTCCGATCGCAGTCTGCAACTCGACTGCGTGAAGCTGGAATCGCTAGTAATCGCGGAT  
CAGCATGCCGCGGTGAATACGTTCCCGGGCCTTGACACACCGCCCGTCACACCACGAGAGTTTGTAAACCCCGAAG  
TCGGTGAGGTAACCTTTATGGAGCCAGCCGCCGAAGGTGGGACAGATGATTGGGGTGAAGTCGAGGACCA

### >REVERSE SEQUENCE :- (871 Bps)

TTTATGCTCAGGACGAACGCTGGCGGCGTGCCTAATACATGCAAGTCGAGCGGACAGATGGGAGCTTGCTCCCTGA  
TGTTAGCGGCGGACGGGTGAGTAACACGTGGGTAACCTGCCTGTAAGACTGGGATAACTCCGGGAAACCGGGGCT  
AATACCGGATGGTTGTCTGAACCGCATGGTTCAGACATAAAAAGGTGGCTTCGGCTACCACTTACAGATGGACCCGCG  
GCGCATTAGCTAGTTGGTGAGGTAACGGCTCACCAAGGCGACGATGCGTAGCCGACCTGAGAGGGTGATCGCCAC  
ACTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTAGGGAATCTTCGCAATGGACGAAAGTCTGAC  
GGAGCAACGCCGCGTGAGTGATGAAGGTTTTCGGATCGTAAAGCTCTGTTGTTAGGGAAGAACAAGTGCCGTTCAA  
ATAGGGCGGCACCTTGACGGTACCTAACCAGAAAGCCACGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGG  
TGGCAAGCGTTGTCCGAATTATTGGGCGTAAAGGGCTCGCAGGCGGTTTCTTAAGTCTGATGTGAAAGCCCCCGG  
CTCAACCGGGGAGGGTCATTGGAAACTGGGGAACCTTGAGTGAGAAGAGGAGAGTGAATCCACGTGTAGCGGT  
GAAATGCGTAGAGATGTGGAGGAACACCAAGTGGCGAAGGCGACTCTCTGGTCTGTAAGTACGCTGAGGAGCGAA  
AGCGTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCCACGCCGTAACGATGAGTGCTAAGTGTAGGGGGTTT  
CCGCCCTTAGTGCTGCAGCTAACGCTAAGCACCGC

### >CONSENSUS SEQUENCE :- (871 Bps)

TGGGCTAGTGTTAGGGGGTTTCCGCCCTTAGTGCTGCAGCTAACGCATTAAGCACTCCGCCTGGGGAGTACGGTTCG  
CAAGACTGAAACTCAAAGGAATTGACGGGGGCCCGACAAGCGGTGGAGCATGTGGTTAATTCGAAGCAACGCG  
AAGAACCTTACCAGGTCTTGACATCCTCTGACAATCCTAGAGATAGGACGTCCCCTTCGGGGCAGAGTGACAGGTG  
GTGCATGGTTGTCGTCAGCTCGTGTCTGTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCTTGATCTTAGTTG  
CCAGCATTAGTTGGGCACTCTAAGGTGACTGCCGGTGACAAACCGGAGGAAGGTGGGGATGACGTCAAATCATCA  
TGCCCTTATGACCTGGGCTACACACGTGCTACAATGGACAGAACAAGGGCAGCGAAACCGCGAGGTTAAGCCAA  
TCCCACAAATCTGTTCTCAGTTCCGATCGCAGTCTGCAACTCGACTGCGTGAAGCTGGAATCGCTAGTAATCGCGGAT  
CAGCATGCCGCGGTGAATACGTTCCCGGGCCTTGACACACCGCCCGTCACACCACGAGAGTTTGTAAACCCCGAAG  
TCGGTGAGGTAACCTTTATGGAGCCAGCCGCCGAAGGTGGGACAGATGATTGGGGTGAAGTCGAGGACCAGAAAT  
GCGTAGAGATGTGGAGGAACACCAAGTGGCGAAGGCGACTCTCTGGTCTGTAAGTACGCTGAGGAGCGAAAGCGT  
GGGGAGCGAACAGGATTAGATACCCTGGTAGTCCACGCCGTAACGATGAGTGCTAAGTGTAGGGGGTTTCCGCC  
CCTTAGTGCTGCAGCTAACGCTAAGCACCGC

**BLAST RESULT:-**

Note: The chromatogram files would be attached separately along with the report.

SHORTID	SUB-SCORE	UNIQUE COMMON OLIGOMERS	SEQUENCEFULLNAME
S000859500	1.000	0690	Bacillus amyloliquefaciens; EF514743
S000859501	1.000	0690	Paenibacillus favisporus; EF514744
S001418639	1.000	0607	Bacillus mojavensis; 324-2; FN298318
S001329339	1.000	0561	Bacillus subtilis; H112; FJ669164
S001294432	1.000	0551	Bacillus sp. NASAb6; FJ649341
S000117104	1.000	0539	Bacillus subtilis; AMM202; AB092795
S000416009	1.000	0522	Bacillus subtilis; D-39-25-2; AB190126

Result:- The sample -Z is identified to be *Bacillus amyloliquefaciens; EF514743*.

-----End of Report-----

Checked by

Approved by

Lab Manager