

SEQUENCE LISTING

<110> Flagship Pioneering Innovations V, Inc.

<120> COMPOSITIONS AND RELATED METHODS FOR AGRICULTURE

<130> 51215-012WO2

<150> US 62/703,304

<151> 2018-07-25

<160> 38

<170> PatentIn version 3.5

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<213> Buchnera aphidicola str. APS (Acyrtosiphon pisum)

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<211> 1552
<212> DNA
<213> Buchnera aphidicola str. Sg (Schizaphis graminum)

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<210> 13
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 <212> DNA
 <213> Buchnera aphidicola BCc

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 attattgaaa taggatcagg attaggagcg ttaactttc ctattttag aatcattaaa 180
 aaaatgatag tattagaaat tgatgaagat cttgtgttt tttaactca aagtttattt 240
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 agtaaataa aaatagataa acatttttct gttttagaat taattactag attttcttt 660
 caacatagaa gaaaattttt aaataataat ttaatatctt tattttctac aaaagaatta 720
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<210> 14
 <211> 921
 <212> DNA

<213> Buchnera aphidicola (Cinara tujaefilina)

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caattcagta ataggaaggt ttttaggtat atttgataa ttactgtaat tcttaataaa 180
gtttttaca atcctatctt caatagaatg aaaactaata atagcaattt ttgatccgga 240
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taactttcca ttaacccta attctgaag aattgctttt gaatgaccac cacctccaaa 840
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<213> Buchnera aphidicola str. G002 (Myzus persicae)

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 agaagaaaaa tattacgtca tagtttaaaa aatttatttt ctgaaacaac ttattaaat 720
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 <213> Buchnera aphidicola str. Ua (Uroleucon ambrosiae)

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<211> 816

<212> DNA

<213> Buchnera aphidicola (Aphis glycines)

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 <213> Moranella endobia

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<210> 21
 <211> 1561
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 <213> Baumannia cicadellincola

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<210> 22
<211> 1464
<212> DNA
<213> Sodalis-like bacterium

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<210> 23

<211> 1465

<212> DNA

<213> Candidatus Hartigia pinicola

<400> 23

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<211> 1571
<212> DNA
<213> Tremblaya phenacola

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<210> 25

<211> 1535

<212> DNA

<213> Candidatus Tremblaya princeps

<400> 25

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<210> 26

<211> 1450

<212> DNA

<213> *Nasua deltocephalinicola*

<400> 26

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<210> 27

<211> 1536

<212> DNA

<213> Candidatus Zinderia insecticola CARI

<400> 27

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 <212> DNA
 <213> Hodgkinia

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<213> Candidatus Uzinura diaspidicola

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<210> 31

<211> 1470

<212> DNA

<213> Sulcia muelleri

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<211> 1761

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<210> 34

<211> 1490

<212> DNA

<213> Burkholderia strain SFA1

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<210> 35

<211> 1408

<212> DNA

<213> Burkholderia strain KM-A

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<210> 36

<211> 1383

<212> DNA

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<211> 1566

<212> DNA

<213> Buchnera aphidicola str. Bp (Baizongia pistaciae)

<400> 37

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