Pham 7600


1
2
3
4
1: UnionJack_36


1
2
3
4
2: LittleCherry_36 + 3


1
2
3
4
3: Bonamassa_36 + 1

Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 7600 Report

This analysis was run 04/28/24 on database version 559.

Pham number 7600 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : UnionJack_36
• Track 2 : LittleCherry_36, Milcery_36, Swirley_38, HuhtaEnerson15_36
• Track 3 : Bonamassa_36, George_35

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 2, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bonamassa_36, George_35, HuhtaEnerson15_36, LittleCherry_36, Milcery_36, Swirley_38, UnionJack_36,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 2:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bonamassa_36 (A5), George_35 (A5), HuhtaEnerson15_36 (A5), LittleCherry_36 (A5), Milcery_36 (A5), Swirley_38 (A5), UnionJack_36 (A5),

Summary by clusters:

There is one cluster represented in this pham: A5

Info for manual annotations of cluster A5:

•Start number 2 was manually annotated 7 times for cluster A5.

Gene Information:

Gene: Bonamassa_36 Start: 28083, Stop: 27844, Start Num: 2
Candidate Starts for Bonamassa_36:
(1, 28086), (Start: 2 @28083 has 7 MA's), (3, 27999), (4, 27972),

Gene: George_35 Start: 28083, Stop: 27844, Start Num: 2
Candidate Starts for George_35:
(1, 28086), (Start: 2 @28083 has 7 MA's), (3, 27999), (4, 27972),

Gene: HuhtaEnerson15_36 Start: 28074, Stop: 27835, Start Num: 2
Candidate Starts for HuhtaEnerson15_36:
(1, 28077), (Start: 2 @28074 has 7 MA's), (3, 27990), (4, 27963),

Gene: LittleCherry_36 Start: 28084, Stop: 27845, Start Num: 2
Candidate Starts for LittleCherry_36:
(1, 28087), (Start: 2 @28084 has 7 MA's), (3, 28000), (4, 27973),

Gene: Milcery_36 Start: 28094, Stop: 27855, Start Num: 2
Candidate Starts for Milcery_36:
(1, 28097), (Start: 2 @28094 has 7 MA's), (3, 28010), (4, 27983),

Gene: Swirley_38 Start: 28415, Stop: 28176, Start Num: 2
Candidate Starts for Swirley_38:
(1, 28418), (Start: 2 @28415 has 7 MA's), (3, 28331), (4, 28304),

Gene: UnionJack_36 Start: 27269, Stop: 27030, Start Num: 2
Candidate Starts for UnionJack_36:
(1, 27272), (Start: 2 @27269 has 7 MA's), (3, 27185), (4, 27158),