Pham 347841


1
2
3
8
9
12
1: Poland_85 + 5
1
2
8
9
12
2: Boneham_84 + 3
1
4
5
6
7
10
13
3: GalacticEye_79 + 17
1
5
6
7
10
13
4: Teal_78 + 5
1
4
5
6
7
10
11
14
5: Lahirium_79

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 347841 Report

This analysis was run 11/14/26 on database version 672.

Pham number 347841 has 35 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Poland_85, BillyBobJr_85, Sombrero_82, CinnamonToast_85, Adgers_84, Msay19_85
• Track 2 : Boneham_84, Butterball_83, FelixAlejandro_85, BirksAndSocks_85
• Track 3 : GalacticEye_79, Damp_79, Berries_79, Hello_78, Bianmat_79, Shelley_79, Harambe_78, Guillaume_78, Jams_79, Anamika_78, Kaseim_79, Hail2Pitt_77, Woes_78, Neoevie_78, Jormungandr_78, Lidong_79, Minos_80, Nimi13_78
• Track 4 : Teal_78, MrWormie_79, Luker_80, Newt_80, Charianelly_79, Sticker17_79
• Track 5 : Lahirium_79

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

The start number called the most often in the published annotations is 1, it was called in 33 of the 33 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adgers_84, Anamika_78, Berries_79, Bianmat_79, BillyBobJr_85, BirksAndSocks_85, Boneham_84, Butterball_83, Charianelly_79, CinnamonToast_85, Damp_79, FelixAlejandro_85, GalacticEye_79, Guillaume_78, Hail2Pitt_77, Harambe_78, Hello_78, Jams_79, Jormungandr_78, Kaseim_79, Lahirium_79, Lidong_79, Luker_80, Minos_80, MrWormie_79, Msay19_85, Neoevie_78, Newt_80, Nimi13_78, Poland_85, Shelley_79, Sombrero_82, Sticker17_79, Teal_78, Woes_78,

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 1:
• Found in 35 of 35 (100.0%) of genes in pham

• Manual Annotations of this start: 33 of 33
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adgers_84 (CS2), Anamika_78 (CS3), Berries_79 (CS3), Bianmat_79 (CS3), BillyBobJr_85 (CS2), BirksAndSocks_85 (CS2), Boneham_84 (CS2), Butterball_83 (CS2), Charianelly_79 (CS3), CinnamonToast_85 (CS2), Damp_79 (CS3), FelixAlejandro_85 (CS2), GalacticEye_79 (CS3), Guillaume_78 (CS3), Hail2Pitt_77 (CS3), Harambe_78 (CS3), Hello_78 (CS3), Jams_79 (CS3), Jormungandr_78 (CS3), Kaseim_79 (CS3), Lahirium_79 (CS3), Lidong_79 (CS3), Luker_80 (CS3), Minos_80 (CS3), MrWormie_79 (CS3), Msay19_85 (CS2), Neoevie_78 (CS3), Newt_80 (CS3), Nimi13_78 (CS3), Poland_85 (CS2), Shelley_79 (CS3), Sombrero_82 (CS2), Sticker17_79 (CS3), Teal_78 (CS3), Woes_78 (CS3),

Summary by clusters:

There are 2 clusters represented in this pham: CS3, CS2,

Info for manual annotations of cluster CS2:
•Start number 1 was manually annotated 8 times for cluster CS2.

Info for manual annotations of cluster CS3:
•Start number 1 was manually annotated 25 times for cluster CS3.

Gene Information:

Gene: Adgers_84 Start: 62278, Stop: 62090, Start Num: 1
Candidate Starts for Adgers_84:
(Start: 1 @62278 has 33 MA's), (2, 62260), (3, 62230), (8, 62167), (9, 62164), (12, 62107),

Gene: Anamika_78 Start: 62611, Stop: 62363, Start Num: 1
Candidate Starts for Anamika_78:
(Start: 1 @62611 has 33 MA's), (4, 62548), (5, 62542), (6, 62509), (7, 62503), (10, 62476), (13, 62428),

Gene: Berries_79 Start: 62583, Stop: 62335, Start Num: 1
Candidate Starts for Berries_79:
(Start: 1 @62583 has 33 MA's), (4, 62520), (5, 62514), (6, 62481), (7, 62475), (10, 62448), (13, 62400),

Gene: Bianmat_79 Start: 62623, Stop: 62375, Start Num: 1
Candidate Starts for Bianmat_79:
(Start: 1 @62623 has 33 MA's), (4, 62560), (5, 62554), (6, 62521), (7, 62515), (10, 62488), (13, 62440),

Gene: BillyBobJr_85 Start: 63726, Stop: 63538, Start Num: 1
Candidate Starts for BillyBobJr_85:
(Start: 1 @63726 has 33 MA's), (2, 63708), (3, 63678), (8, 63615), (9, 63612), (12, 63555),

Gene: BirksAndSocks_85 Start: 63721, Stop: 63533, Start Num: 1
Candidate Starts for BirksAndSocks_85:
(Start: 1 @63721 has 33 MA's), (2, 63703), (8, 63610), (9, 63607), (12, 63550),

Gene: Boneham_84 Start: 63646, Stop: 63458, Start Num: 1
Candidate Starts for Boneham_84:

(Start: 1 @63646 has 33 MA's), (2, 63628), (8, 63535), (9, 63532), (12, 63475),

Gene: Butterball_83 Start: 63651, Stop: 63463, Start Num: 1
Candidate Starts for Butterball_83:
(Start: 1 @63651 has 33 MA's), (2, 63633), (8, 63540), (9, 63537), (12, 63480),

Gene: Charianelly_79 Start: 62333, Stop: 62085, Start Num: 1
Candidate Starts for Charianelly_79:
(Start: 1 @62333 has 33 MA's), (5, 62264), (6, 62231), (7, 62225), (10, 62198), (13, 62150),

Gene: CinnamonToast_85 Start: 63726, Stop: 63538, Start Num: 1
Candidate Starts for CinnamonToast_85:
(Start: 1 @63726 has 33 MA's), (2, 63708), (3, 63678), (8, 63615), (9, 63612), (12, 63555),

Gene: Damp_79 Start: 61497, Stop: 61249, Start Num: 1
Candidate Starts for Damp_79:
(Start: 1 @61497 has 33 MA's), (4, 61434), (5, 61428), (6, 61395), (7, 61389), (10, 61362), (13, 61314),

Gene: FelixAlejandro_85 Start: 64076, Stop: 63888, Start Num: 1
Candidate Starts for FelixAlejandro_85:
(Start: 1 @64076 has 33 MA's), (2, 64058), (8, 63965), (9, 63962), (12, 63905),

Gene: GalacticEye_79 Start: 62294, Stop: 62046, Start Num: 1
Candidate Starts for GalacticEye_79:
(Start: 1 @62294 has 33 MA's), (4, 62231), (5, 62225), (6, 62192), (7, 62186), (10, 62159), (13, 62111),

Gene: Guillaume_78 Start: 62344, Stop: 62096, Start Num: 1
Candidate Starts for Guillaume_78:
(Start: 1 @62344 has 33 MA's), (4, 62281), (5, 62275), (6, 62242), (7, 62236), (10, 62209), (13, 62161),

Gene: Hail2Pitt_77 Start: 62820, Stop: 62572, Start Num: 1
Candidate Starts for Hail2Pitt_77:
(Start: 1 @62820 has 33 MA's), (4, 62757), (5, 62751), (6, 62718), (7, 62712), (10, 62685), (13, 62637),

Gene: Harambe_78 Start: 62611, Stop: 62363, Start Num: 1
Candidate Starts for Harambe_78:
(Start: 1 @62611 has 33 MA's), (4, 62548), (5, 62542), (6, 62509), (7, 62503), (10, 62476), (13, 62428),

Gene: Hello_78 Start: 62573, Stop: 62325, Start Num: 1
Candidate Starts for Hello_78:
(Start: 1 @62573 has 33 MA's), (4, 62510), (5, 62504), (6, 62471), (7, 62465), (10, 62438), (13, 62390),

Gene: Jams_79 Start: 61783, Stop: 61535, Start Num: 1
Candidate Starts for Jams_79:
(Start: 1 @61783 has 33 MA's), (4, 61720), (5, 61714), (6, 61681), (7, 61675), (10, 61648), (13, 61600),

Gene: Jormungandr_78 Start: 62326, Stop: 62078, Start Num: 1
Candidate Starts for Jormungandr_78:
(Start: 1 @62326 has 33 MA's), (4, 62263), (5, 62257), (6, 62224), (7, 62218), (10, 62191), (13, 62143),

Gene: Kaseim_79 Start: 61768, Stop: 61520, Start Num: 1
Candidate Starts for Kaseim_79:
(Start: 1 @61768 has 33 MA's), (4, 61705), (5, 61699), (6, 61666), (7, 61660), (10, 61633), (13, 61585),

Gene: Lahirium_79 Start: 63362, Stop: 63147, Start Num: 1
Candidate Starts for Lahirium_79:
(Start: 1 @63362 has 33 MA's), (4, 63299), (5, 63293), (6, 63260), (7, 63254), (10, 63227), (11, 63200), (14, 63173),

Gene: Lidong_79 Start: 62583, Stop: 62335, Start Num: 1
Candidate Starts for Lidong_79:
(Start: 1 @62583 has 33 MA's), (4, 62520), (5, 62514), (6, 62481), (7, 62475), (10, 62448), (13, 62400),

Gene: Luker_80 Start: 62801, Stop: 62553, Start Num: 1
Candidate Starts for Luker_80:
(Start: 1 @62801 has 33 MA's), (5, 62732), (6, 62699), (7, 62693), (10, 62666), (13, 62618),

Gene: Minos_80 Start: 62325, Stop: 62077, Start Num: 1
Candidate Starts for Minos_80:
(Start: 1 @62325 has 33 MA's), (4, 62262), (5, 62256), (6, 62223), (7, 62217), (10, 62190), (13, 62142),

Gene: MrWormie_79 Start: 61486, Stop: 61238, Start Num: 1
Candidate Starts for MrWormie_79:
(Start: 1 @61486 has 33 MA's), (5, 61417), (6, 61384), (7, 61378), (10, 61351), (13, 61303),

Gene: Msay19_85 Start: 63962, Stop: 63774, Start Num: 1
Candidate Starts for Msay19_85:
(Start: 1 @63962 has 33 MA's), (2, 63944), (3, 63914), (8, 63851), (9, 63848), (12, 63791),

Gene: Neoevie_78 Start: 62587, Stop: 62339, Start Num: 1
Candidate Starts for Neoevie_78:
(Start: 1 @62587 has 33 MA's), (4, 62524), (5, 62518), (6, 62485), (7, 62479), (10, 62452), (13, 62404),

Gene: Newt_80 Start: 62815, Stop: 62567, Start Num: 1
Candidate Starts for Newt_80:
(Start: 1 @62815 has 33 MA's), (5, 62746), (6, 62713), (7, 62707), (10, 62680), (13, 62632),

Gene: Nimi13_78 Start: 62334, Stop: 62086, Start Num: 1
Candidate Starts for Nimi13_78:
(Start: 1 @62334 has 33 MA's), (4, 62271), (5, 62265), (6, 62232), (7, 62226), (10, 62199), (13, 62151),

Gene: Poland_85 Start: 63941, Stop: 63753, Start Num: 1
Candidate Starts for Poland_85:
(Start: 1 @63941 has 33 MA's), (2, 63923), (3, 63893), (8, 63830), (9, 63827), (12, 63770),

Gene: Shelley_79 Start: 61810, Stop: 61562, Start Num: 1
Candidate Starts for Shelley_79:
(Start: 1 @61810 has 33 MA's), (4, 61747), (5, 61741), (6, 61708), (7, 61702), (10, 61675), (13, 61627),

Gene: Sombrero_82 Start: 62152, Stop: 61964, Start Num: 1
Candidate Starts for Sombrero_82:
(Start: 1 @62152 has 33 MA's), (2, 62134), (3, 62104), (8, 62041), (9, 62038), (12, 61981),

Gene: Sticker17_79 Start: 62298, Stop: 62050, Start Num: 1
Candidate Starts for Sticker17_79:
(Start: 1 @62298 has 33 MA's), (5, 62229), (6, 62196), (7, 62190), (10, 62163), (13, 62115),

Gene: Teal_78 Start: 62792, Stop: 62544, Start Num: 1
Candidate Starts for Teal_78:
(Start: 1 @62792 has 33 MA's), (5, 62723), (6, 62690), (7, 62684), (10, 62657), (13, 62609),

Gene: Woes_78 Start: 62843, Stop: 62595, Start Num: 1
Candidate Starts for Woes_78:
(Start: 1 @62843 has 33 MA's), (4, 62780), (5, 62774), (6, 62741), (7, 62735), (10, 62708), (13, 62660),