Pham 285682

Pham 285682 Report

This analysis was run 03/28/26 on database version 641.

Pham number 285682 has 47 members, 8 are drafts.

Phages represented in each track:
• Track 1 : Marteena_44, EMsquaredA_45
• Track 2 : Confidence_44
• Track 3 : BritBrat_50
• Track 4 : Pytheas_47, Jablanski_47
• Track 5 : Pepperoni_37
• Track 6 : Madeline_43, Ohgeesy_46
• Track 7 : Lamberg_42, Nettuno_42, TuertoX_46, Ebert_48, Gizermo_46, Matteo_39, Bosnia_48, Mocha12_46, Sahara_45, Bjanes7_43, Sproutie_46, Whiteclaw_46, Jalleen_46, Savage_46, Haley23_46, Clap_46
• Track 8 : JCole_44
• Track 9 : FroggyToad_46
• Track 10 : Yeezy_41
• Track 11 : Beenie_39, DobbysSock_38, Dorito_41, MichaelScott_46, Thimann_43, Clark_45, Sekhmet_46, Samman98_46, Invectra_47
• Track 12 : Powerball_43
• Track 13 : PhriskyACE_44
• Track 14 : Suerte_43
• Track 15 : Tuti_46
• Track 16 : Denise_40
• Track 17 : OneDirection_36
• Track 18 : RavenCo17_45
• Track 19 : Lucky10_41
• Track 20 : MakCheese_58
• Track 21 : GAL1_38

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

The start number called the most often in the published annotations is 11, it was called in 39 of the 39 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beenie_39, Bjanes7_43, Bosnia_48, BritBrat_50, Clap_46, Clark_45, Confidence_44, Denise_40, DobbysSock_38, Dorito_41, EMsquaredA_45, Ebert_48, Gizermo_46, Haley23_46, Invectra_47, JCole_44, Jablanski_47, Jalleen_46,

Lamberg_42, Lucky10_41, Madeline_43, MakCheese_58, Marteena_44, Matteo_39, MichaelScott_46, Mocha12_46, Nettuno_42, Ohgeesy_46, OneDirection_36, Pepperoni_37, PhriskyACE_44, Powerball_43, Pytheas_47, RavenCo17_45, Sahara_45, Samman98_46, Savage_46, Sekhmet_46, Sproutie_46, Suerte_43, Thimann_43, TuertoX_46, Whiteclaw_46, Yeezy_41,

Genes that have the "Most Annotated" start but do not call it:
• GAL1_38, Tuti_46,

Genes that do not have the "Most Annotated" start:
• FroggyToad_46,

Summary by start number:

Start 9:
• Found in 1 of 47 (2.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FroggyToad_46 (CZ2),

Start 11:
• Found in 46 of 47 (97.9%) of genes in pham
• Manual Annotations of this start: 39 of 39
• Called 95.7% of time when present
• Phage (with cluster) where this start called: Beenie_39 (CZ4), Bjanes7_43 (CZ2), Bosnia_48 (CZ1), BritBrat_50 (CY2), Clap_46 (CZ2), Clark_45 (CZ4), Confidence_44 (CY1), Denise_40 (CZ5), DobbysSock_38 (CZ4), Dorito_41 (CZ4), EMsquaredA_45 (CY1), Ebert_48 (CZ2), Gizermo_46 (CZ2), Haley23_46 (CZ2), Invectra_47 (CZ4), JCole_44 (CZ2), Jablanski_47 (CY3), Jalleen_46 (CZ2), Lamberg_42 (CZ2), Lucky10_41 (DH), Madeline_43 (CZ1), MakCheese_58 (DW), Marteena_44 (CY1), Matteo_39 (CZ2), MichaelScott_46 (CZ4), Mocha12_46 (CZ2), Nettuno_42 (CZ2), Ohgeesy_46 (CZ), OneDirection_36 (CZ6), Pepperoni_37 (CZ), PhriskyACE_44 (CZ4), Powerball_43 (CZ4), Pytheas_47 (CY3), RavenCo17_45 (CZ8), Sahara_45 (CZ2), Samman98_46 (CZ4), Savage_46 (CZ2), Sekhmet_46 (CZ4), Sproutie_46 (CZ2), Suerte_43 (CZ4), Thimann_43 (CZ4), TuertoX_46 (CZ2), Whiteclaw_46 (CZ2), Yeezy_41 (CZ3),

Start 12:
• Found in 38 of 47 (80.9%) of genes in pham
• No Manual Annotations of this start.
• Called 2.6% of time when present
• Phage (with cluster) where this start called: GAL1_38 (singleton),

Start 14:
• Found in 17 of 47 (36.2%) of genes in pham
• No Manual Annotations of this start.
• Called 5.9% of time when present
• Phage (with cluster) where this start called: Tuti_46 (CZ4),

Summary by clusters:

There are 14 clusters represented in this pham: CY3, CY2, CY1, DH, CZ2, CZ3, CZ1, CZ6, singleton, CZ4, CZ5, CZ, CZ8, DW,

Info for manual annotations of cluster CY1:
•Start number 11 was manually annotated 3 times for cluster CY1.

Info for manual annotations of cluster CY2:
•Start number 11 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:
•Start number 11 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CZ:
•Start number 11 was manually annotated 1 time for cluster CZ.

Info for manual annotations of cluster CZ1:
•Start number 11 was manually annotated 2 times for cluster CZ1.

Info for manual annotations of cluster CZ2:
•Start number 11 was manually annotated 14 times for cluster CZ2.

Info for manual annotations of cluster CZ3:
•Start number 11 was manually annotated 1 time for cluster CZ3.

Info for manual annotations of cluster CZ4:
•Start number 11 was manually annotated 11 times for cluster CZ4.

Info for manual annotations of cluster CZ5:
•Start number 11 was manually annotated 1 time for cluster CZ5.

Info for manual annotations of cluster CZ6:
•Start number 11 was manually annotated 1 time for cluster CZ6.

Info for manual annotations of cluster CZ8:
•Start number 11 was manually annotated 1 time for cluster CZ8.

Info for manual annotations of cluster DH:
•Start number 11 was manually annotated 1 time for cluster DH.

Gene Information:

Gene: Beenie_39 Start: 33102, Stop: 33449, Start Num: 11
Candidate Starts for Beenie_39:
(Start: 11 @33102 has 39 MA's), (12, 33114), (14, 33147), (17, 33186), (18, 33189),

Gene: Bjanes7_43 Start: 32393, Stop: 32713, Start Num: 11
Candidate Starts for Bjanes7_43:
(Start: 11 @32393 has 39 MA's), (12, 32405), (16, 32474),

Gene: Bosnia_48 Start: 38757, Stop: 39077, Start Num: 11
Candidate Starts for Bosnia_48:
(Start: 11 @38757 has 39 MA's), (12, 38769), (16, 38838),

Gene: BritBrat_50 Start: 36655, Stop: 36975, Start Num: 11
Candidate Starts for BritBrat_50:
(10, 36634), (Start: 11 @36655 has 39 MA's), (12, 36667), (18, 36742), (30, 36832), (37, 36934),

Gene: Clap_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for Clap_46:
(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Clark_45 Start: 32919, Stop: 33266, Start Num: 11
Candidate Starts for Clark_45:
(Start: 11 @32919 has 39 MA's), (12, 32931), (14, 32964), (17, 33003), (18, 33006),

Gene: Confidence_44 Start: 32986, Stop: 33315, Start Num: 11
Candidate Starts for Confidence_44:
(Start: 11 @32986 has 39 MA's), (12, 32998), (14, 33034), (17, 33079), (18, 33082), (21, 33106), (22, 33115), (24, 33124), (27, 33148), (33, 33226),

Gene: Denise_40 Start: 30667, Stop: 30972, Start Num: 11
Candidate Starts for Denise_40:
(Start: 11 @30667 has 39 MA's), (12, 30679), (22, 30793), (28, 30826), (31, 30853),

Gene: DobbysSock_38 Start: 31761, Stop: 32108, Start Num: 11
Candidate Starts for DobbysSock_38:
(Start: 11 @31761 has 39 MA's), (12, 31773), (14, 31806), (17, 31845), (18, 31848),

Gene: Dorito_41 Start: 31405, Stop: 31752, Start Num: 11
Candidate Starts for Dorito_41:
(Start: 11 @31405 has 39 MA's), (12, 31417), (14, 31450), (17, 31489), (18, 31492),

Gene: EMsquaredA_45 Start: 35353, Stop: 35673, Start Num: 11
Candidate Starts for EMsquaredA_45:
(Start: 11 @35353 has 39 MA's), (12, 35365), (35, 35593),

Gene: Ebert_48 Start: 32496, Stop: 32816, Start Num: 11
Candidate Starts for Ebert_48:
(Start: 11 @32496 has 39 MA's), (12, 32508), (16, 32577),

Gene: FroggyToad_46 Start: 33116, Stop: 33466, Start Num: 9
Candidate Starts for FroggyToad_46:
(1, 32783), (2, 32819), (3, 32879), (9, 33116),

Gene: GAL1_38 Start: 32000, Stop: 32320, Start Num: 12
Candidate Starts for GAL1_38:
(4, 31772), (5, 31787), (6, 31805), (8, 31922), (Start: 11 @31988 has 39 MA's), (12, 32000), (14, 32033), (15, 32057), (22, 32114), (23, 32117), (26, 32132), (30, 32174),

Gene: Gizermo_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for Gizermo_46:
(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Haley23_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for Haley23_46:

(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Invectra_47 Start: 34493, Stop: 34840, Start Num: 11
Candidate Starts for Invectra_47:
(Start: 11 @34493 has 39 MA's), (12, 34505), (14, 34538), (17, 34577), (18, 34580),

Gene: JCole_44 Start: 31590, Stop: 31910, Start Num: 11
Candidate Starts for JCole_44:
(Start: 11 @31590 has 39 MA's),

Gene: Jablanski_47 Start: 37597, Stop: 37914, Start Num: 11
Candidate Starts for Jablanski_47:
(Start: 11 @37597 has 39 MA's), (32, 37822),

Gene: Jalleen_46 Start: 32211, Stop: 32531, Start Num: 11
Candidate Starts for Jalleen_46:
(Start: 11 @32211 has 39 MA's), (12, 32223), (16, 32292),

Gene: Lamberg_42 Start: 31081, Stop: 31401, Start Num: 11
Candidate Starts for Lamberg_42:
(Start: 11 @31081 has 39 MA's), (12, 31093), (16, 31162),

Gene: Lucky10_41 Start: 31564, Stop: 31848, Start Num: 11
Candidate Starts for Lucky10_41:
(Start: 11 @31564 has 39 MA's), (12, 31576), (13, 31600), (14, 31609), (18, 31651), (19, 31654), (20, 31660), (25, 31690), (27, 31711),

Gene: Madeline_43 Start: 35165, Stop: 35497, Start Num: 11
Candidate Starts for Madeline_43:
(Start: 11 @35165 has 39 MA's), (14, 35213), (17, 35258), (18, 35261), (22, 35294), (24, 35303), (27, 35327), (34, 35408), (36, 35438),

Gene: MakCheese_58 Start: 39633, Stop: 39959, Start Num: 11
Candidate Starts for MakCheese_58:
(Start: 11 @39633 has 39 MA's), (12, 39645), (18, 39720),

Gene: Marteena_44 Start: 35353, Stop: 35673, Start Num: 11
Candidate Starts for Marteena_44:
(Start: 11 @35353 has 39 MA's), (12, 35365), (35, 35593),

Gene: Matteo_39 Start: 30123, Stop: 30443, Start Num: 11
Candidate Starts for Matteo_39:
(Start: 11 @30123 has 39 MA's), (12, 30135), (16, 30204),

Gene: MichaelScott_46 Start: 34395, Stop: 34742, Start Num: 11
Candidate Starts for MichaelScott_46:
(Start: 11 @34395 has 39 MA's), (12, 34407), (14, 34440), (17, 34479), (18, 34482),

Gene: Mocha12_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for Mocha12_46:
(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Nettuno_42 Start: 31081, Stop: 31401, Start Num: 11

Candidate Starts for Nettuno_42:
(Start: 11 @31081 has 39 MA's), (12, 31093), (16, 31162),

Gene: Ohgeesy_46 Start: 35960, Stop: 36292, Start Num: 11
Candidate Starts for Ohgeesy_46:
(Start: 11 @35960 has 39 MA's), (14, 36008), (17, 36053), (18, 36056), (22, 36089), (24, 36098), (27, 36122), (34, 36203), (36, 36233),

Gene: OneDirection_36 Start: 28076, Stop: 28360, Start Num: 11
Candidate Starts for OneDirection_36:
(7, 27998), (Start: 11 @28076 has 39 MA's), (12, 28088), (13, 28112), (14, 28121), (19, 28166), (20, 28172), (25, 28202), (27, 28223),

Gene: Pepperoni_37 Start: 29393, Stop: 29698, Start Num: 11
Candidate Starts for Pepperoni_37:
(Start: 11 @29393 has 39 MA's), (12, 29405), (14, 29438), (28, 29549), (29, 29552),

Gene: PhriskyACE_44 Start: 33898, Stop: 34227, Start Num: 11
Candidate Starts for PhriskyACE_44:
(Start: 11 @33898 has 39 MA's), (18, 33985), (36, 34168),

Gene: Powerball_43 Start: 33298, Stop: 33615, Start Num: 11
Candidate Starts for Powerball_43:
(Start: 11 @33298 has 39 MA's), (18, 33385),

Gene: Pytheas_47 Start: 37596, Stop: 37913, Start Num: 11
Candidate Starts for Pytheas_47:
(Start: 11 @37596 has 39 MA's), (32, 37821),

Gene: RavenCo17_45 Start: 35658, Stop: 35978, Start Num: 11
Candidate Starts for RavenCo17_45:
(Start: 11 @35658 has 39 MA's), (12, 35670), (27, 35805), (32, 35883), (35, 35898),

Gene: Sahara_45 Start: 32319, Stop: 32639, Start Num: 11
Candidate Starts for Sahara_45:
(Start: 11 @32319 has 39 MA's), (12, 32331), (16, 32400),

Gene: Samman98_46 Start: 33022, Stop: 33369, Start Num: 11
Candidate Starts for Samman98_46:
(Start: 11 @33022 has 39 MA's), (12, 33034), (14, 33067), (17, 33106), (18, 33109),

Gene: Savage_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for Savage_46:
(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Sekhmet_46 Start: 33922, Stop: 34269, Start Num: 11
Candidate Starts for Sekhmet_46:
(Start: 11 @33922 has 39 MA's), (12, 33934), (14, 33967), (17, 34006), (18, 34009),

Gene: Sproutie_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for Sproutie_46:
(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Suerte_43 Start: 33581, Stop: 33910, Start Num: 11
Candidate Starts for Suerte_43:
(Start: 11 @33581 has 39 MA's), (12, 33593), (17, 33665), (18, 33668), (36, 33851),

Gene: Thimann_43 Start: 32287, Stop: 32634, Start Num: 11
Candidate Starts for Thimann_43:
(Start: 11 @32287 has 39 MA's), (12, 32299), (14, 32332), (17, 32371), (18, 32374),

Gene: TuertoX_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for TuertoX_46:
(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Tuti_46 Start: 33782, Stop: 34084, Start Num: 14
Candidate Starts for Tuti_46:
(Start: 11 @33737 has 39 MA's), (12, 33749), (14, 33782), (17, 33821), (18, 33824),

Gene: Whiteclaw_46 Start: 32572, Stop: 32892, Start Num: 11
Candidate Starts for Whiteclaw_46:
(Start: 11 @32572 has 39 MA's), (12, 32584), (16, 32653),

Gene: Yeezy_41 Start: 32253, Stop: 32549, Start Num: 11
Candidate Starts for Yeezy_41:
(Start: 11 @32253 has 39 MA's),