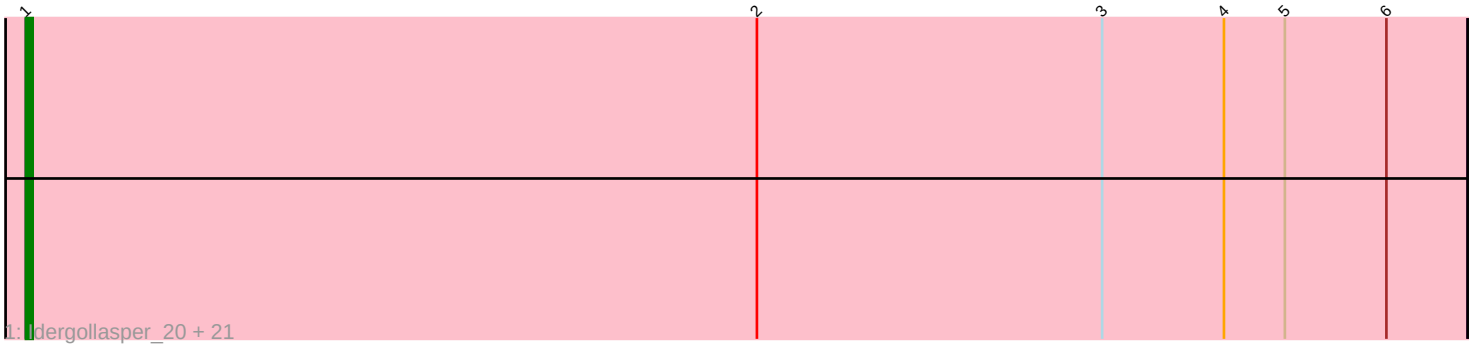
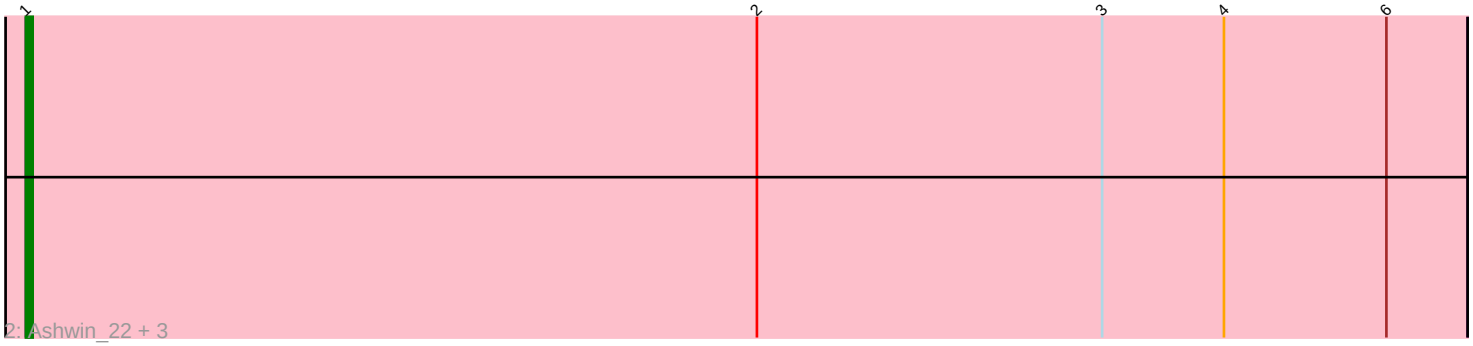
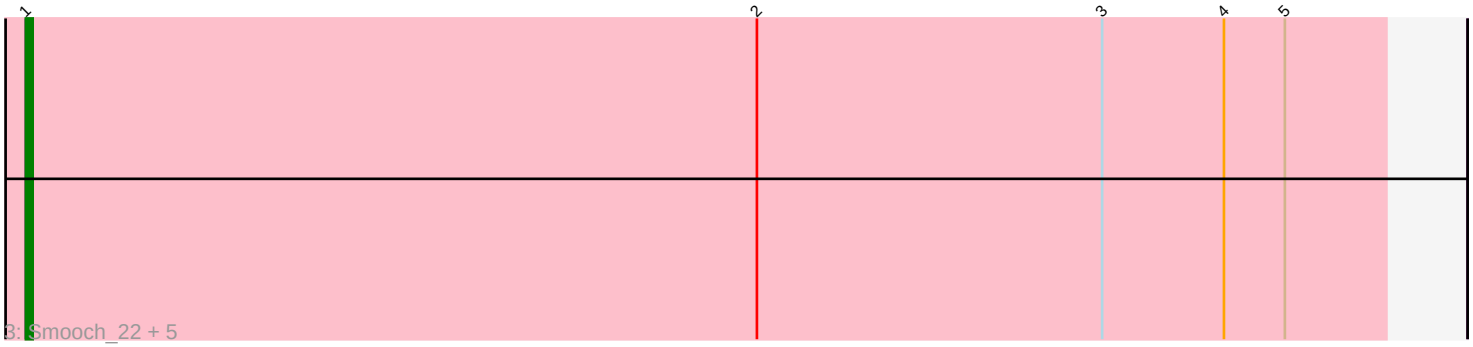
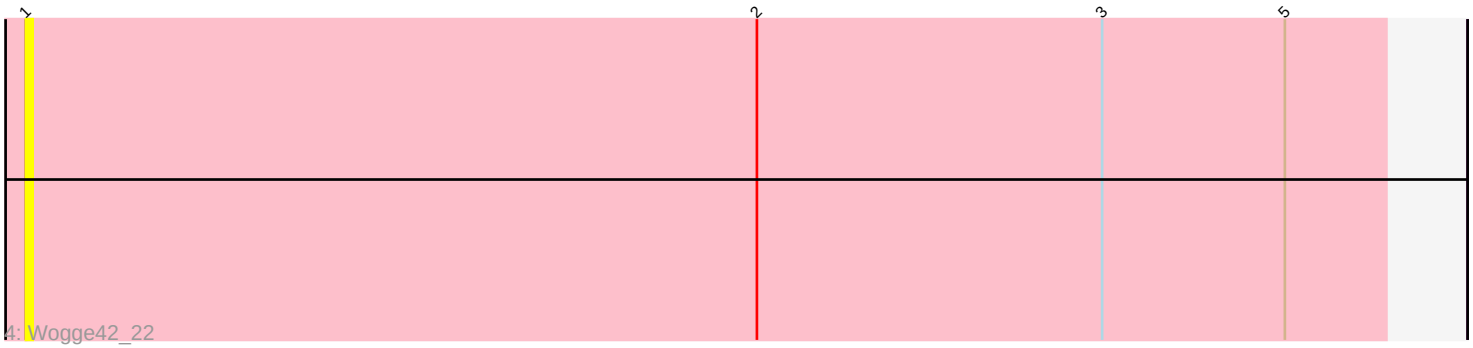
Pham 296787


1
2
3
4
5
6
1: Udergollasper_20 + 21


1
2
3
4
6
2: Ashwin_22 + 3


1
2
3
4
5
3: Smooch_22 + 5


1
2
3
5
4: Wogge42_22

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 296787 Report

This analysis was run 04/25/26 on database version 644.

Pham number 296787 has 33 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Idergollasper_20, Ryadel_23, Vorrps_21, JangDynasty_20, Imara_21, NiebruSaylor_21, FoulBall_20, SchoolBus_20, TelAviv_20, Vagabond_21, Winget_21, Familton_21, Zebo_20, Shida_21, Firecracker_21, Catdawg_20, KingPhillip3_20, Murai_21, Krili_21, Schuy_22, Blessica_21, YoyoKar_21
• Track 2 : Ashwin_22, Dylan_21, Zakhe101_22, Wildflower_21
• Track 3 : Smooch_22, Alkhayr_21, Corndog_23, Bora_21, MadKillah_22, YungJamal_22
• Track 4 : Wogge42_22

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 29 of the 29 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alkhayr_21, Ashwin_22, Blessica_21, Bora_21, Catdawg_20, Corndog_23, Dylan_21, Familton_21, Firecracker_21, FoulBall_20, Idergollasper_20, Imara_21, JangDynasty_20, KingPhillip3_20, Krili_21, MadKillah_22, Murai_21, NiebruSaylor_21, Ryadel_23, SchoolBus_20, Schuy_22, Shida_21, Smooch_22, TelAviv_20, Vagabond_21, Vorrps_21, Wildflower_21, Winget_21, Wogge42_22, YoyoKar_21, YungJamal_22, Zakhe101_22, Zebo_20,

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 33 of 33 (100.0%) of genes in pham
• Manual Annotations of this start: 29 of 29
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Alkhayr_21 (O), Ashwin_22 (O), Blessica_21 (O), Bora_21 (O), Catdawg_20 (O), Corndog_23 (O), Dylan_21 (O), Familton_21 (O), Firecracker_21 (O), FoulBall_20 (O), Idergollasper_20 (O), Imara_21 (O), JangDynasty_20 (O), KingPhillip3_20 (O), Krili_21 (O), MadKillah_22 (O), Murai_21 (O), NiebruSaylor_21 (O), Ryadel_23 (O), SchoolBus_20 (O), Schuy_22 (O), Shida_21 (O), Smooch_22 (O), TelAviv_20 (O), Vagabond_21 (O), Vorrps_21 (O), Wildflower_21 (O), Winget_21 (O), Wogge42_22 (O), YoyoKar_21 (O), YungJamal_22 (O), Zakhe101_22 (O), Zebo_20 (O),

Summary by clusters:

There is one cluster represented in this pham: O

Info for manual annotations of cluster O:
•Start number 1 was manually annotated 29 times for cluster O.

Gene Information:

Gene: Alkhayr_21 Start: 10248, Stop: 10448, Start Num: 1
Candidate Starts for Alkhayr_21:
(Start: 1 @10248 has 29 MA's), (2, 10356), (3, 10407), (4, 10425), (5, 10434),

Gene: Ashwin_22 Start: 10468, Stop: 10680, Start Num: 1
Candidate Starts for Ashwin_22:
(Start: 1 @10468 has 29 MA's), (2, 10576), (3, 10627), (4, 10645), (6, 10669),

Gene: Blessica_21 Start: 10271, Stop: 10483, Start Num: 1
Candidate Starts for Blessica_21:
(Start: 1 @10271 has 29 MA's), (2, 10379), (3, 10430), (4, 10448), (5, 10457), (6, 10472),

Gene: Bora_21 Start: 10278, Stop: 10478, Start Num: 1
Candidate Starts for Bora_21:
(Start: 1 @10278 has 29 MA's), (2, 10386), (3, 10437), (4, 10455), (5, 10464),

Gene: Catdawg_20 Start: 9877, Stop: 10089, Start Num: 1
Candidate Starts for Catdawg_20:
(Start: 1 @9877 has 29 MA's), (2, 9985), (3, 10036), (4, 10054), (5, 10063), (6, 10078),

Gene: Corndog_23 Start: 10580, Stop: 10780, Start Num: 1
Candidate Starts for Corndog_23:
(Start: 1 @10580 has 29 MA's), (2, 10688), (3, 10739), (4, 10757), (5, 10766),

Gene: Dylan_21 Start: 10468, Stop: 10680, Start Num: 1
Candidate Starts for Dylan_21:
(Start: 1 @10468 has 29 MA's), (2, 10576), (3, 10627), (4, 10645), (6, 10669),

Gene: Familton_21 Start: 9878, Stop: 10090, Start Num: 1
Candidate Starts for Familton_21:
(Start: 1 @9878 has 29 MA's), (2, 9986), (3, 10037), (4, 10055), (5, 10064), (6, 10079),

Gene: Firecracker_21 Start: 10201, Stop: 10413, Start Num: 1

Candidate Starts for Firecracker_21:
(Start: 1 @10201 has 29 MA's), (2, 10309), (3, 10360), (4, 10378), (5, 10387), (6, 10402),

Gene: FoulBall_20 Start: 9878, Stop: 10090, Start Num: 1
Candidate Starts for FoulBall_20:
(Start: 1 @9878 has 29 MA's), (2, 9986), (3, 10037), (4, 10055), (5, 10064), (6, 10079),

Gene: Idergollasper_20 Start: 9878, Stop: 10090, Start Num: 1
Candidate Starts for Idergollasper_20:
(Start: 1 @9878 has 29 MA's), (2, 9986), (3, 10037), (4, 10055), (5, 10064), (6, 10079),

Gene: Imara_21 Start: 10131, Stop: 10343, Start Num: 1
Candidate Starts for Imara_21:
(Start: 1 @10131 has 29 MA's), (2, 10239), (3, 10290), (4, 10308), (5, 10317), (6, 10332),

Gene: JangDynasty_20 Start: 9967, Stop: 10179, Start Num: 1
Candidate Starts for JangDynasty_20:
(Start: 1 @9967 has 29 MA's), (2, 10075), (3, 10126), (4, 10144), (5, 10153), (6, 10168),

Gene: KingPhillip3_20 Start: 9878, Stop: 10090, Start Num: 1
Candidate Starts for KingPhillip3_20:
(Start: 1 @9878 has 29 MA's), (2, 9986), (3, 10037), (4, 10055), (5, 10064), (6, 10079),

Gene: Krili_21 Start: 10237, Stop: 10449, Start Num: 1
Candidate Starts for Krili_21:
(Start: 1 @10237 has 29 MA's), (2, 10345), (3, 10396), (4, 10414), (5, 10423), (6, 10438),

Gene: MadKillah_22 Start: 10270, Stop: 10470, Start Num: 1
Candidate Starts for MadKillah_22:
(Start: 1 @10270 has 29 MA's), (2, 10378), (3, 10429), (4, 10447), (5, 10456),

Gene: Murai_21 Start: 10109, Stop: 10321, Start Num: 1
Candidate Starts for Murai_21:
(Start: 1 @10109 has 29 MA's), (2, 10217), (3, 10268), (4, 10286), (5, 10295), (6, 10310),

Gene: NiebruSaylor_21 Start: 10109, Stop: 10321, Start Num: 1
Candidate Starts for NiebruSaylor_21:
(Start: 1 @10109 has 29 MA's), (2, 10217), (3, 10268), (4, 10286), (5, 10295), (6, 10310),

Gene: Ryadel_23 Start: 10691, Stop: 10903, Start Num: 1
Candidate Starts for Ryadel_23:
(Start: 1 @10691 has 29 MA's), (2, 10799), (3, 10850), (4, 10868), (5, 10877), (6, 10892),

Gene: SchoolBus_20 Start: 9878, Stop: 10090, Start Num: 1
Candidate Starts for SchoolBus_20:
(Start: 1 @9878 has 29 MA's), (2, 9986), (3, 10037), (4, 10055), (5, 10064), (6, 10079),

Gene: Schuy_22 Start: 10270, Stop: 10482, Start Num: 1
Candidate Starts for Schuy_22:
(Start: 1 @10270 has 29 MA's), (2, 10378), (3, 10429), (4, 10447), (5, 10456), (6, 10471),

Gene: Shida_21 Start: 10175, Stop: 10387, Start Num: 1
Candidate Starts for Shida_21:

(Start: 1 @10175 has 29 MA's), (2, 10283), (3, 10334), (4, 10352), (5, 10361), (6, 10376),

Gene: Smooch_22 Start: 10424, Stop: 10624, Start Num: 1
Candidate Starts for Smooch_22:
(Start: 1 @10424 has 29 MA's), (2, 10532), (3, 10583), (4, 10601), (5, 10610),

Gene: TelAviv_20 Start: 9875, Stop: 10087, Start Num: 1
Candidate Starts for TelAviv_20:
(Start: 1 @9875 has 29 MA's), (2, 9983), (3, 10034), (4, 10052), (5, 10061), (6, 10076),

Gene: Vagabond_21 Start: 10152, Stop: 10364, Start Num: 1
Candidate Starts for Vagabond_21:
(Start: 1 @10152 has 29 MA's), (2, 10260), (3, 10311), (4, 10329), (5, 10338), (6, 10353),

Gene: Vorrps_21 Start: 10109, Stop: 10321, Start Num: 1
Candidate Starts for Vorrps_21:
(Start: 1 @10109 has 29 MA's), (2, 10217), (3, 10268), (4, 10286), (5, 10295), (6, 10310),

Gene: Wildflower_21 Start: 10132, Stop: 10344, Start Num: 1
Candidate Starts for Wildflower_21:
(Start: 1 @10132 has 29 MA's), (2, 10240), (3, 10291), (4, 10309), (6, 10333),

Gene: Winget_21 Start: 10151, Stop: 10363, Start Num: 1
Candidate Starts for Winget_21:
(Start: 1 @10151 has 29 MA's), (2, 10259), (3, 10310), (4, 10328), (5, 10337), (6, 10352),

Gene: Wogge42_22 Start: 10240, Stop: 10440, Start Num: 1
Candidate Starts for Wogge42_22:
(Start: 1 @10240 has 29 MA's), (2, 10348), (3, 10399), (5, 10426),

Gene: YoyoKar_21 Start: 9879, Stop: 10091, Start Num: 1
Candidate Starts for YoyoKar_21:
(Start: 1 @9879 has 29 MA's), (2, 9987), (3, 10038), (4, 10056), (5, 10065), (6, 10080),

Gene: YungJamal_22 Start: 10460, Stop: 10660, Start Num: 1
Candidate Starts for YungJamal_22:
(Start: 1 @10460 has 29 MA's), (2, 10568), (3, 10619), (4, 10637), (5, 10646),

Gene: Zakhe101_22 Start: 10472, Stop: 10684, Start Num: 1
Candidate Starts for Zakhe101_22:
(Start: 1 @10472 has 29 MA's), (2, 10580), (3, 10631), (4, 10649), (6, 10673),

Gene: Zebo_20 Start: 9878, Stop: 10090, Start Num: 1
Candidate Starts for Zebo_20:
(Start: 1 @9878 has 29 MA's), (2, 9986), (3, 10037), (4, 10055), (5, 10064), (6, 10079),