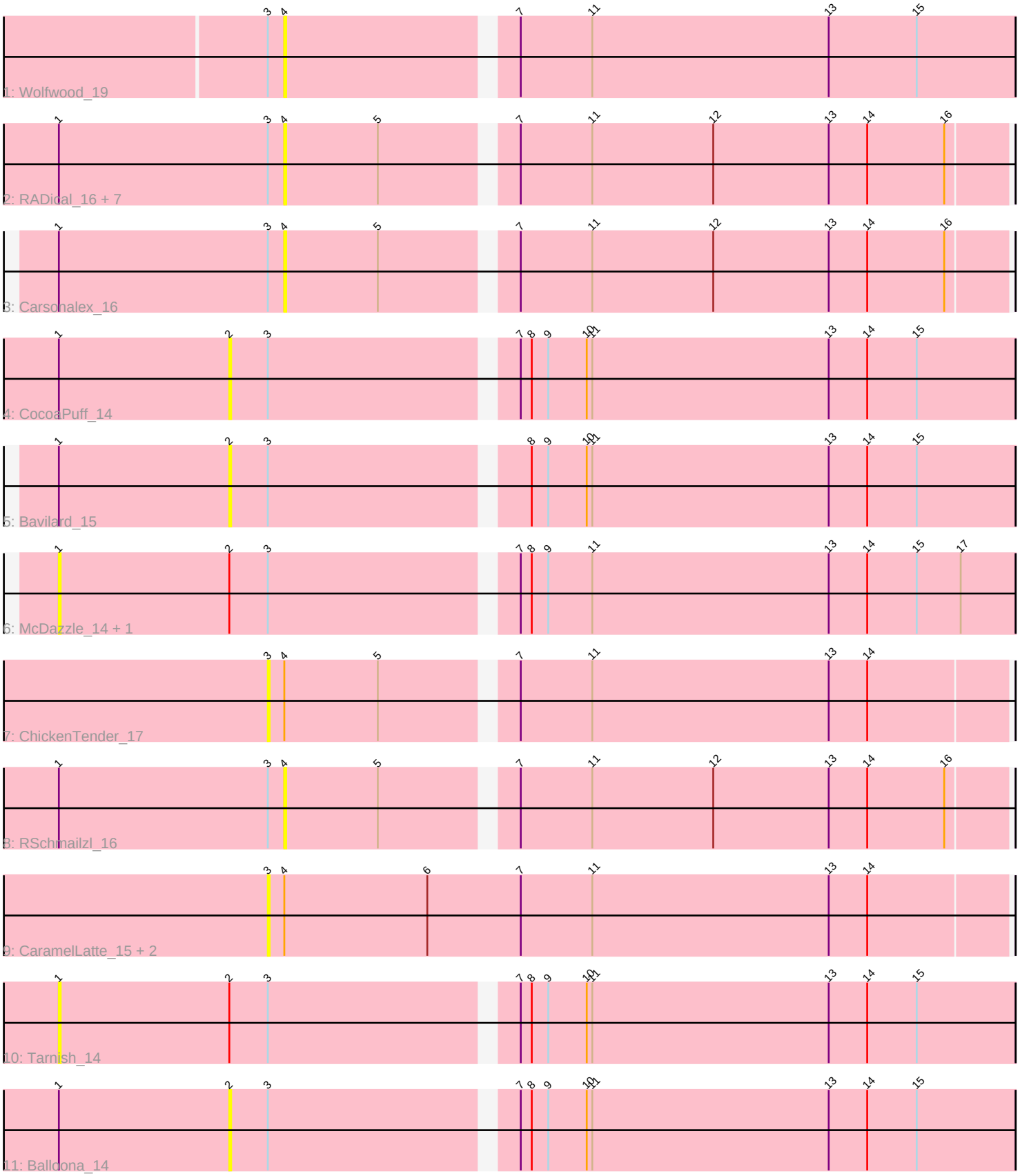
Pham 289767


1: Wolfwood_19
2: RADical_16 + 7
3: Carsonalex_16
4: CocoaPuff_14
5: Bavilard_15
6: McDazzle_14 + 1
7: ChickenTender_17
8: RSchmailzl_16
9: CaramelLatte_15 + 2
10: Tarnish_14
11: Balldona_14

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 289767 Report

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

Pham number 289767 has 21 members, 21 are drafts.

Phages represented in each track:
• Track 1 : Wolfwood_19
• Track 2 : RADical_16, RedBaron_16, Eliott_15, Starburst_16, Socotra_16, PsychoKiller_15, Sopespian_15, GoldHunter_16
• Track 3 : Carsonalex_16
• Track 4 : CocoaPuff_14
• Track 5 : Bavilard_15
• Track 6 : McDazzle_14, ElJefes_14
• Track 7 : ChickenTender_17
• Track 8 : RSchmailzl_16
• Track 9 : CaramelLatte_15, CanesSauce_15, ChocoMunchkin_15
• Track 10 : Tarnish_14
• Track 11 : Balloona_14

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

This pham is comprised of all draft annotations. There are no annotations to summarize.
Summary by start number:

Start 1:
• Found in 16 of 21 (76.2%) of genes in pham
• No Manual Annotations of this start.
• Called 18.8% of time when present
• Phage (with cluster) where this start called: ElJefes_14 (CT), McDazzle_14 (CT), Tarnish_14 (CT),

Start 2:
• Found in 6 of 21 (28.6%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Balloona_14 (CT), Bavilard_15 (CT), CocoaPuff_14 (CT),

Start 3:

• Found in 21 of 21 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 19.0% of time when present
• Phage (with cluster) where this start called: CanesSauce_15 (CT), CaramelLatte_15 (CT), ChickenTender_17 (CT), ChocoMunchkin_15 (CT),

Start 4:
• Found in 15 of 21 (71.4%) of genes in pham
• No Manual Annotations of this start.
• Called 73.3% of time when present
• Phage (with cluster) where this start called: Carsonalex_16 (CT), Eliott_15 (CT), GoldHunter_16 (CT), PsychoKiller_15 (CT), RADical_16 (CT), RSchmailzl_16 (CT), RedBaron_16 (CT), Socotra_16 (CT), Sopespian_15 (CT), Starburst_16 (CT), Wolfwood_19 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Gene Information:

Gene: Balloona_14 Start: 8969, Stop: 9385, Start Num: 2
Candidate Starts for Balloona_14:
(1, 8876), (2, 8969), (3, 8990), (7, 9116), (8, 9122), (9, 9131), (10, 9152), (11, 9155), (13, 9284), (14, 9305), (15, 9332),

Gene: Bavilard_15 Start: 9749, Stop: 10165, Start Num: 2
Candidate Starts for Bavilard_15:
(1, 9656), (2, 9749), (3, 9770), (8, 9902), (9, 9911), (10, 9932), (11, 9935), (13, 10064), (14, 10085), (15, 10112),

Gene: CanesSauce_15 Start: 9255, Stop: 9656, Start Num: 3
Candidate Starts for CanesSauce_15:
(3, 9255), (4, 9264), (6, 9342), (7, 9393), (11, 9432), (13, 9561), (14, 9582),

Gene: CaramelLatte_15 Start: 9255, Stop: 9656, Start Num: 3
Candidate Starts for CaramelLatte_15:
(3, 9255), (4, 9264), (6, 9342), (7, 9393), (11, 9432), (13, 9561), (14, 9582),

Gene: Carsonalex_16 Start: 9317, Stop: 9697, Start Num: 4
Candidate Starts for Carsonalex_16:
(1, 9194), (3, 9308), (4, 9317), (5, 9368), (7, 9434), (11, 9473), (12, 9539), (13, 9602), (14, 9623), (16, 9665),

Gene: ChickenTender_17 Start: 9300, Stop: 9689, Start Num: 3
Candidate Starts for ChickenTender_17:
(3, 9300), (4, 9309), (5, 9360), (7, 9426), (11, 9465), (13, 9594), (14, 9615),

Gene: ChocoMunchkin_15 Start: 9255, Stop: 9656, Start Num: 3
Candidate Starts for ChocoMunchkin_15:

(3, 9255), (4, 9264), (6, 9342), (7, 9393), (11, 9432), (13, 9561), (14, 9582),

Gene: CocoaPuff_14 Start: 8969, Stop: 9385, Start Num: 2
Candidate Starts for CocoaPuff_14:
(1, 8876), (2, 8969), (3, 8990), (7, 9116), (8, 9122), (9, 9131), (10, 9152), (11, 9155), (13, 9284), (14, 9305), (15, 9332),

Gene: ElJefes_14 Start: 9351, Stop: 9860, Start Num: 1
Candidate Starts for ElJefes_14:
(1, 9351), (2, 9444), (3, 9465), (7, 9591), (8, 9597), (9, 9606), (11, 9630), (13, 9759), (14, 9780), (15, 9807), (17, 9831),

Gene: Eliott_15 Start: 9259, Stop: 9639, Start Num: 4
Candidate Starts for Eliott_15:
(1, 9136), (3, 9250), (4, 9259), (5, 9310), (7, 9376), (11, 9415), (12, 9481), (13, 9544), (14, 9565), (16, 9607),

Gene: GoldHunter_16 Start: 9260, Stop: 9640, Start Num: 4
Candidate Starts for GoldHunter_16:
(1, 9137), (3, 9251), (4, 9260), (5, 9311), (7, 9377), (11, 9416), (12, 9482), (13, 9545), (14, 9566), (16, 9608),

Gene: McDazzle_14 Start: 9345, Stop: 9854, Start Num: 1
Candidate Starts for McDazzle_14:
(1, 9345), (2, 9438), (3, 9459), (7, 9585), (8, 9591), (9, 9600), (11, 9624), (13, 9753), (14, 9774), (15, 9801), (17, 9825),

Gene: PsychoKiller_15 Start: 9259, Stop: 9639, Start Num: 4
Candidate Starts for PsychoKiller_15:
(1, 9136), (3, 9250), (4, 9259), (5, 9310), (7, 9376), (11, 9415), (12, 9481), (13, 9544), (14, 9565), (16, 9607),

Gene: RADical_16 Start: 9260, Stop: 9640, Start Num: 4
Candidate Starts for RADical_16:
(1, 9137), (3, 9251), (4, 9260), (5, 9311), (7, 9377), (11, 9416), (12, 9482), (13, 9545), (14, 9566), (16, 9608),

Gene: RSchmailzl_16 Start: 9403, Stop: 9783, Start Num: 4
Candidate Starts for RSchmailzl_16:
(1, 9280), (3, 9394), (4, 9403), (5, 9454), (7, 9520), (11, 9559), (12, 9625), (13, 9688), (14, 9709), (16, 9751),

Gene: RedBaron_16 Start: 9303, Stop: 9683, Start Num: 4
Candidate Starts for RedBaron_16:
(1, 9180), (3, 9294), (4, 9303), (5, 9354), (7, 9420), (11, 9459), (12, 9525), (13, 9588), (14, 9609), (16, 9651),

Gene: Socotra_16 Start: 9259, Stop: 9639, Start Num: 4
Candidate Starts for Socotra_16:
(1, 9136), (3, 9250), (4, 9259), (5, 9310), (7, 9376), (11, 9415), (12, 9481), (13, 9544), (14, 9565), (16, 9607),

Gene: Sopespian_15 Start: 9260, Stop: 9640, Start Num: 4

Candidate Starts for Sopespian_15:
(1, 9137), (3, 9251), (4, 9260), (5, 9311), (7, 9377), (11, 9416), (12, 9482), (13, 9545), (14, 9566), (16, 9608),

Gene: Starburst_16 Start: 9259, Stop: 9639, Start Num: 4
Candidate Starts for Starburst_16:
(1, 9136), (3, 9250), (4, 9259), (5, 9310), (7, 9376), (11, 9415), (12, 9481), (13, 9544), (14, 9565), (16, 9607),

Gene: Tarnish_14 Start: 9249, Stop: 9758, Start Num: 1
Candidate Starts for Tarnish_14:
(1, 9249), (2, 9342), (3, 9363), (7, 9489), (8, 9495), (9, 9504), (10, 9525), (11, 9528), (13, 9657), (14, 9678), (15, 9705),

Gene: Wolfwood_19 Start: 10242, Stop: 10628, Start Num: 4
Candidate Starts for Wolfwood_19:
(3, 10233), (4, 10242), (7, 10359), (11, 10398), (13, 10527), (15, 10575),