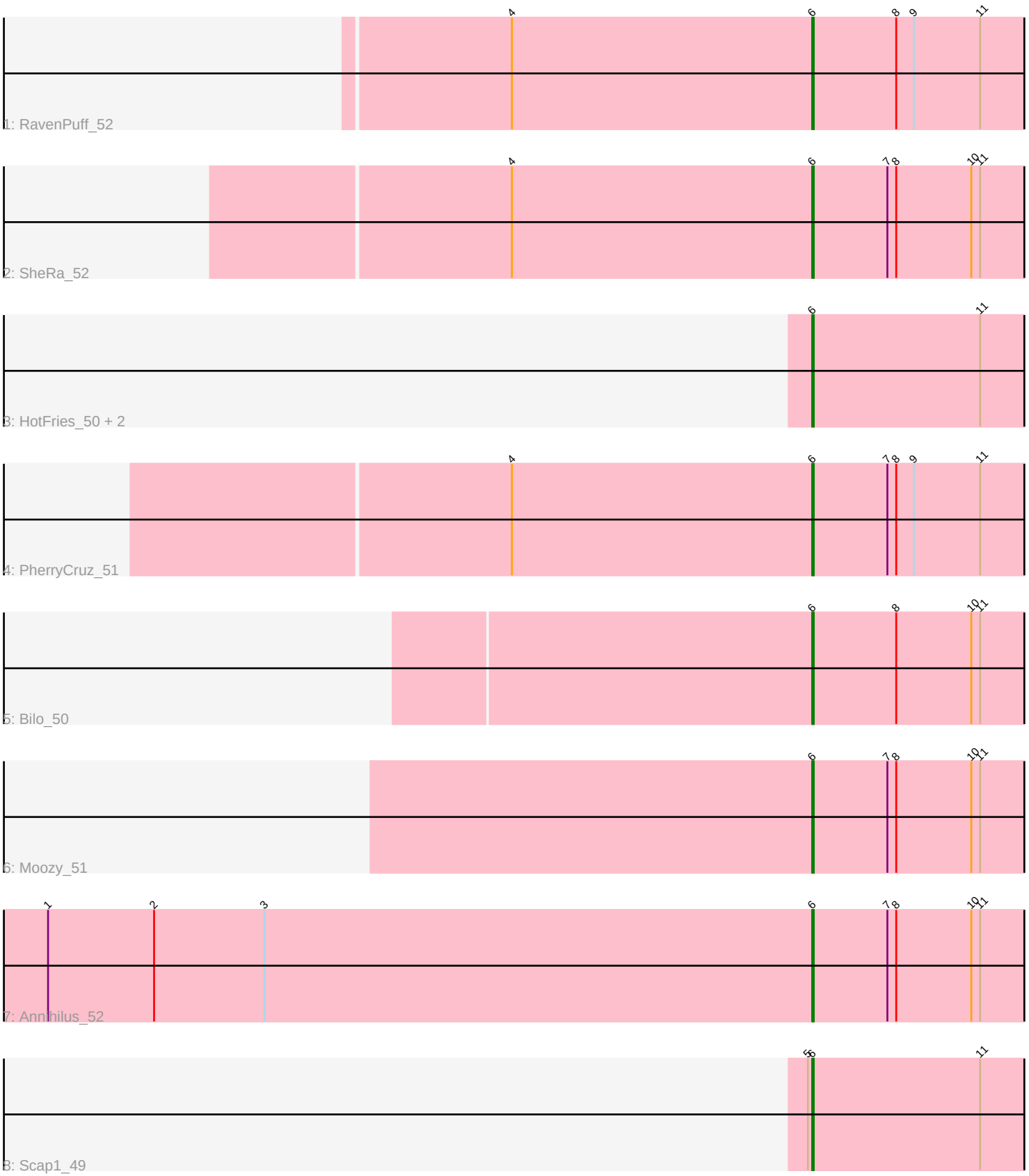
Pham 6565


4
6
8
9
11
1: RavenPuff_52
4
6
7
8
10
11
2: SheRa_52
6
11
3: HotFries_50 + 2
4
6
7
8
9
11
4: PherryCruz_51
6
8
10
11
5: Bilo_50
6
7
8
10
11
6: Moozy_51
1
2
3
6
7
8
10
11
7: Annihilus_52
5
6
11
8: Scap1_49

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 6565 Report

This analysis was run 04/05/24 on database version 557.

Pham number 6565 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : RavenPuff_52
• Track 2 : SheRa_52
• Track 3 : HotFries_50, GoblinVoyage_52, Doxi13_53
• Track 4 : PherryCruz_51
• Track 5 : Bilo_50
• Track 6 : Moozy_51
• Track 7 : Annihilus_52
• Track 8 : Scap1_49

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

The start number called the most often in the published annotations is 6, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annihilus_52, Bilo_50, Doxi13_53, GoblinVoyage_52, HotFries_50, Moozy_51, PherryCruz_51, RavenPuff_52, Scap1_49, SheRa_52,

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 6:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annihilus_52 (BI2), Bilo_50 (BI2), Doxi13_53 (BI2), GoblinVoyage_52 (BI2), HotFries_50 (BI2), Moozy_51 (BI2), PherryCruz_51 (BI2), RavenPuff_52 (BI2), Scap1_49 (BI2), SheRa_52 (BI2),

Summary by clusters:

There is one cluster represented in this pham: BI2

Info for manual annotations of cluster BI2:
•Start number 6 was manually annotated 10 times for cluster BI2.

Gene Information:

Gene: Annihilus_52 Start: 36816, Stop: 36998, Start Num: 6
Candidate Starts for Annihilus_52:
(1, 36297), (2, 36369), (3, 36444), (Start: 6 @36816 has 10 MA's), (7, 36867), (8, 36873), (10, 36924), (11, 36930),

Gene: Bilo_50 Start: 36992, Stop: 37174, Start Num: 6
Candidate Starts for Bilo_50:
(Start: 6 @36992 has 10 MA's), (8, 37049), (10, 37100), (11, 37106),

Gene: Doxi13_53 Start: 36953, Stop: 37135, Start Num: 6
Candidate Starts for Doxi13_53:
(Start: 6 @36953 has 10 MA's), (11, 37067),

Gene: GoblinVoyage_52 Start: 36798, Stop: 36980, Start Num: 6
Candidate Starts for GoblinVoyage_52:
(Start: 6 @36798 has 10 MA's), (11, 36912),

Gene: HotFries_50 Start: 36988, Stop: 37170, Start Num: 6
Candidate Starts for HotFries_50:
(Start: 6 @36988 has 10 MA's), (11, 37102),

Gene: Moozy_51 Start: 36800, Stop: 36982, Start Num: 6
Candidate Starts for Moozy_51:
(Start: 6 @36800 has 10 MA's), (7, 36851), (8, 36857), (10, 36908), (11, 36914),

Gene: PherryCruz_51 Start: 36981, Stop: 37163, Start Num: 6
Candidate Starts for PherryCruz_51:
(4, 36777), (Start: 6 @36981 has 10 MA's), (7, 37032), (8, 37038), (9, 37050), (11, 37095),

Gene: RavenPuff_52 Start: 36950, Stop: 37132, Start Num: 6
Candidate Starts for RavenPuff_52:
(4, 36746), (Start: 6 @36950 has 10 MA's), (8, 37007), (9, 37019), (11, 37064),

Gene: Scap1_49 Start: 36356, Stop: 36526, Start Num: 6
Candidate Starts for Scap1_49:
(5, 36353), (Start: 6 @36356 has 10 MA's), (11, 36470),

Gene: SheRa_52 Start: 36866, Stop: 37048, Start Num: 6
Candidate Starts for SheRa_52:
(4, 36662), (Start: 6 @36866 has 10 MA's), (7, 36917), (8, 36923), (10, 36974), (11, 36980),