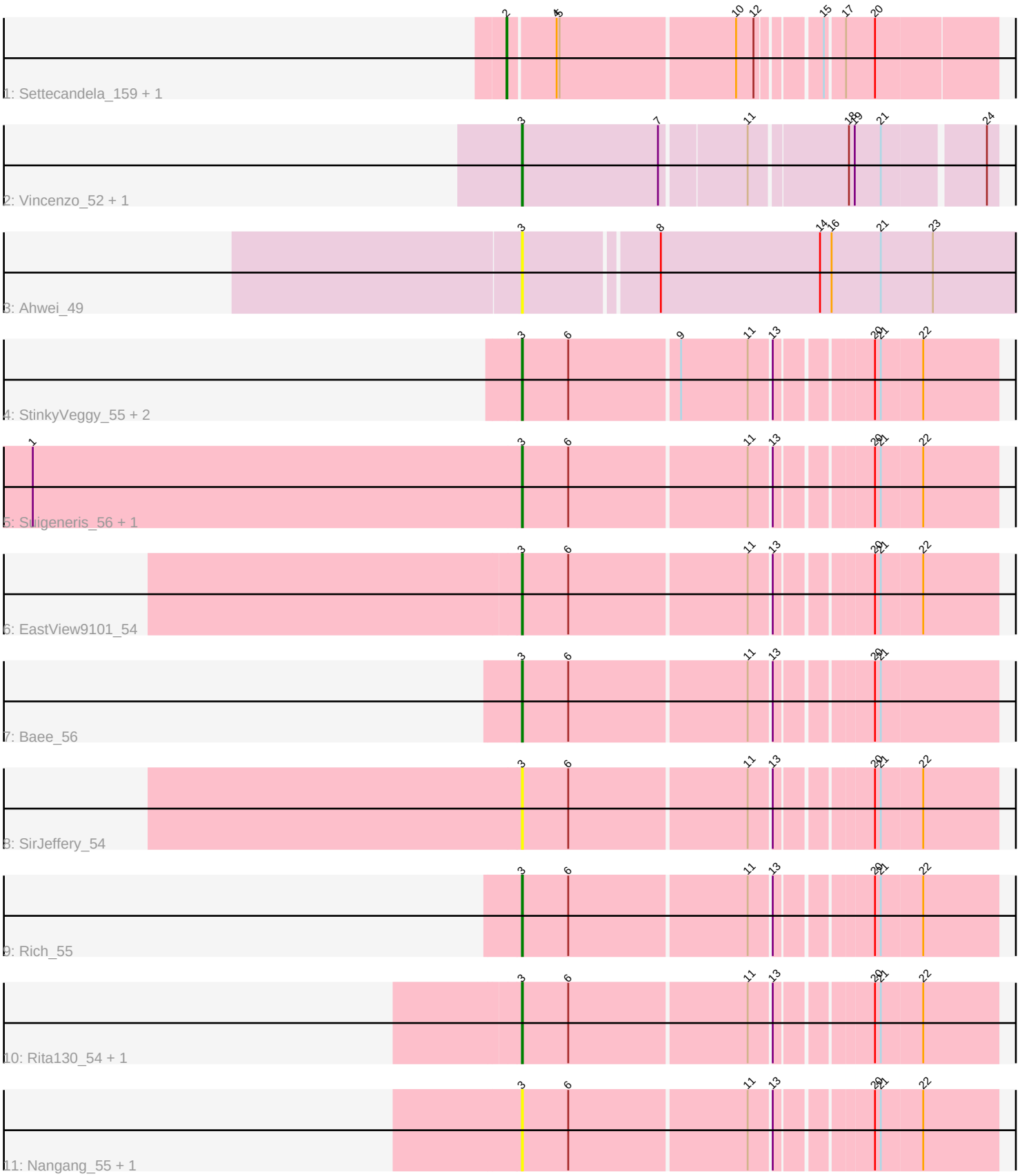
Pham 348092


1: Settecandela_159 + 1
2: Vincenzo_52 + 1
3: Ahwei_49
4: StinkyVeggy_55 + 2
5: Suigeneris_56 + 1
6: EastView9101_54
7: Baee_56
8: SirJeffery_54
9: Rich_55
10: Rita130_54 + 1
11: Nangang_55 + 1

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 348092 Report

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

Pham number 348092 has 18 members, 7 are drafts.

Phages represented in each track:
• Track 1 : Settecandela_159, Phrappuccino_159
• Track 2 : Vincenzo_52, AlanGrant_53
• Track 3 : Ahwei_49
• Track 4 : StinkyVeggy_55, Acadian_55, KarasumaRum_55
• Track 5 : Suigeneris_56, Donny_56
• Track 6 : EastView9101_54
• Track 7 : Baee_56
• Track 8 : SirJeffery_54
• Track 9 : Rich_55
• Track 10 : Rita130_54, Reccee_55
• Track 11 : Nangang_55, DigitDog_55

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

The start number called the most often in the published annotations is 3, it was called in 9 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Acadian_55, Ahwei_49, AlanGrant_53, Baee_56, DigitDog_55, Donny_56, EastView9101_54, KarasumaRum_55, Nangang_55, Reccee_55, Rich_55, Rita130_54, SirJeffery_54, StinkyVeggy_55, Suigeneris_56, Vincenzo_52,

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

Genes that do not have the "Most Annotated" start:
• Phrappuccino_159, Settecandela_159,

Summary by start number:

Start 2:
• Found in 2 of 18 (11.1%) of genes in pham
• Manual Annotations of this start: 2 of 11
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Phrappuccino_159 (AA), Settecandela_159 (AA),

Start 3:
• Found in 16 of 18 (88.9%) of genes in pham
• Manual Annotations of this start: 9 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Acadian_55 (B5), Ahwei_49 (B4), AlanGrant_53 (B4), Baee_56 (B5), DigitDog_55 (B5), Donny_56 (B5), EastView9101_54 (B5), KarasumaRum_55 (B5), Nangang_55 (B5), Reccee_55 (B5), Rich_55 (B5), Rita130_54 (B5), SirJeffery_54 (B5), StinkyVeggy_55 (B5), Suigeneris_56 (B5), Vincenzo_52 (B4),

Summary by clusters:

There are 3 clusters represented in this pham: B4, B5, AA,

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

Info for manual annotations of cluster B4:
•Start number 3 was manually annotated 2 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 3 was manually annotated 7 times for cluster B5.

Gene Information:

Gene: Acadian_55 Start: 48973, Stop: 48512, Start Num: 3
Candidate Starts for Acadian_55:
(Start: 3 @48973 has 9 MA's), (6, 48925), (9, 48814), (11, 48745), (13, 48724), (20, 48637), (21, 48631), (22, 48589),

Gene: Ahwei_49 Start: 47624, Stop: 47058, Start Num: 3
Candidate Starts for Ahwei_49:
(Start: 3 @47624 has 9 MA's), (8, 47492), (14, 47327), (16, 47315), (21, 47264), (23, 47210),

Gene: AlanGrant_53 Start: 49377, Stop: 48913, Start Num: 3
Candidate Starts for AlanGrant_53:
(Start: 3 @49377 has 9 MA's), (7, 49236), (11, 49152), (18, 49056), (19, 49050), (21, 49023), (24, 48924),

Gene: Baee_56 Start: 50252, Stop: 49791, Start Num: 3
Candidate Starts for Baee_56:
(Start: 3 @50252 has 9 MA's), (6, 50204), (11, 50024), (13, 50003), (20, 49916), (21, 49910),

Gene: DigitDog_55 Start: 48969, Stop: 48508, Start Num: 3
Candidate Starts for DigitDog_55:
(Start: 3 @48969 has 9 MA's), (6, 48921), (11, 48741), (13, 48720), (20, 48633), (21, 48627), (22, 48585),

Gene: Donny_56 Start: 49263, Stop: 48802, Start Num: 3
Candidate Starts for Donny_56:
(1, 49764), (Start: 3 @49263 has 9 MA's), (6, 49215), (11, 49035), (13, 49014), (20, 48927), (21, 48921), (22, 48879),

Gene: EastView9101_54 Start: 48910, Stop: 48449, Start Num: 3
Candidate Starts for EastView9101_54:
(Start: 3 @48910 has 9 MA's), (6, 48862), (11, 48682), (13, 48661), (20, 48574), (21, 48568), (22, 48526),

Gene: KarasumaRum_55 Start: 49120, Stop: 48659, Start Num: 3
Candidate Starts for KarasumaRum_55:
(Start: 3 @49120 has 9 MA's), (6, 49072), (9, 48961), (11, 48892), (13, 48871), (20, 48784), (21, 48778), (22, 48736),

Gene: Nangang_55 Start: 49334, Stop: 48873, Start Num: 3
Candidate Starts for Nangang_55:
(Start: 3 @49334 has 9 MA's), (6, 49286), (11, 49106), (13, 49085), (20, 48998), (21, 48992), (22, 48950),

Gene: Phrappuccino_159 Start: 108261, Stop: 108728, Start Num: 2
Candidate Starts for Phrappuccino_159:
(Start: 2 @108261 has 2 MA's), (4, 108306), (5, 108309), (10, 108486), (12, 108504), (15, 108558), (17, 108576), (20, 108606),

Gene: Reccee_55 Start: 49161, Stop: 48700, Start Num: 3
Candidate Starts for Reccee_55:
(Start: 3 @49161 has 9 MA's), (6, 49113), (11, 48933), (13, 48912), (20, 48825), (21, 48819), (22, 48777),

Gene: Rich_55 Start: 50543, Stop: 50082, Start Num: 3
Candidate Starts for Rich_55:
(Start: 3 @50543 has 9 MA's), (6, 50495), (11, 50315), (13, 50294), (20, 50207), (21, 50201), (22, 50159),

Gene: Rita130_54 Start: 48981, Stop: 48520, Start Num: 3
Candidate Starts for Rita130_54:
(Start: 3 @48981 has 9 MA's), (6, 48933), (11, 48753), (13, 48732), (20, 48645), (21, 48639), (22, 48597),

Gene: Settecandela_159 Start: 108261, Stop: 108728, Start Num: 2
Candidate Starts for Settecandela_159:
(Start: 2 @108261 has 2 MA's), (4, 108306), (5, 108309), (10, 108486), (12, 108504), (15, 108558), (17, 108576), (20, 108606),

Gene: SirJeffery_54 Start: 48983, Stop: 48522, Start Num: 3
Candidate Starts for SirJeffery_54:
(Start: 3 @48983 has 9 MA's), (6, 48935), (11, 48755), (13, 48734), (20, 48647), (21, 48641), (22, 48599),

Gene: StinkyVeggy_55 Start: 49120, Stop: 48659, Start Num: 3
Candidate Starts for StinkyVeggy_55:

(Start: 3 @49120 has 9 MA's), (6, 49072), (9, 48961), (11, 48892), (13, 48871), (20, 48784), (21, 48778), (22, 48736),

Gene: Suigeneris_56 Start: 49263, Stop: 48802, Start Num: 3
Candidate Starts for Suigeneris_56:
(1, 49764), (Start: 3 @49263 has 9 MA's), (6, 49215), (11, 49035), (13, 49014), (20, 48927), (21, 48921), (22, 48879),

Gene: Vincenzo_52 Start: 49377, Stop: 48913, Start Num: 3
Candidate Starts for Vincenzo_52:
(Start: 3 @49377 has 9 MA's), (7, 49236), (11, 49152), (18, 49056), (19, 49050), (21, 49023), (24, 48924),