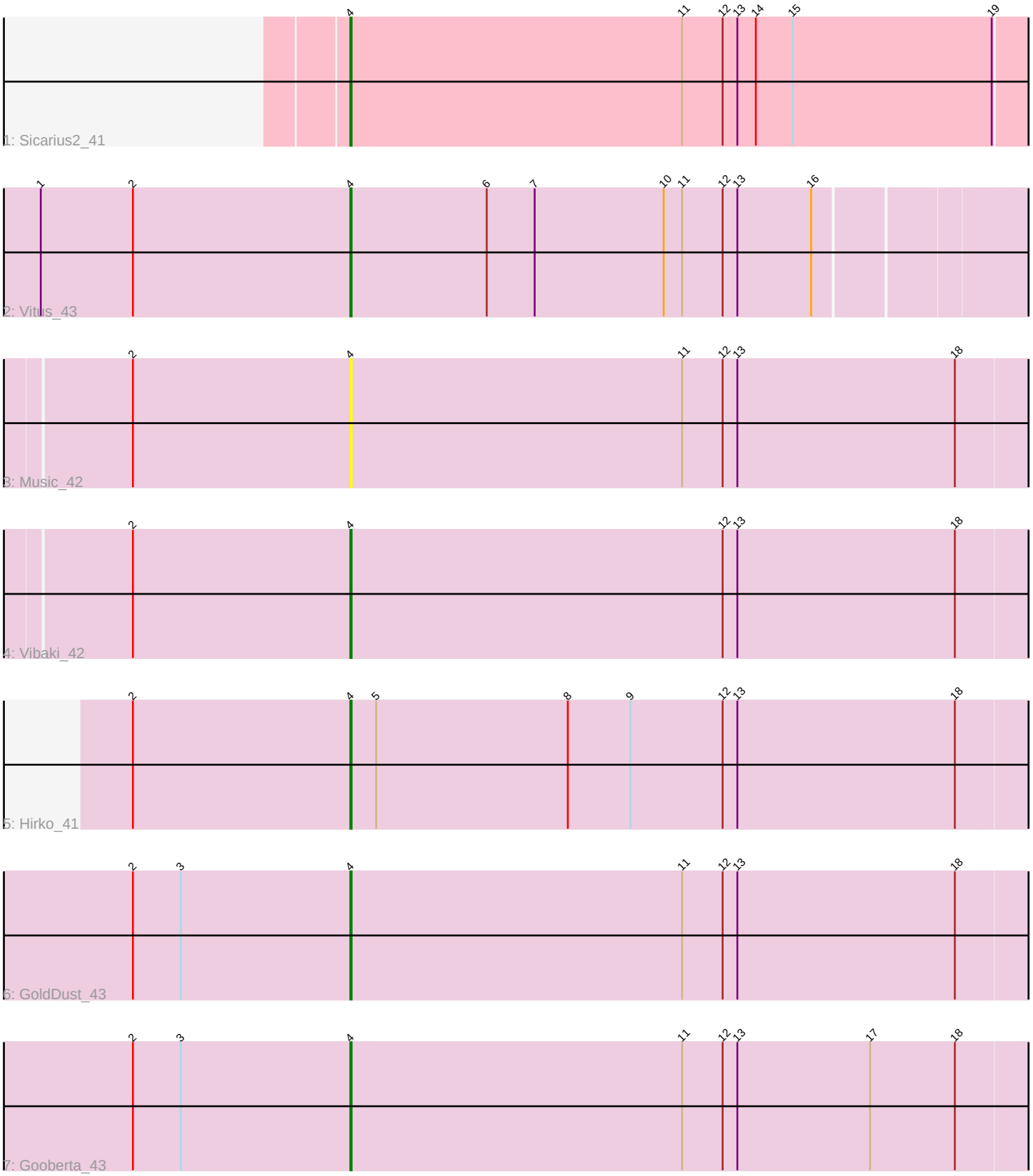
Pham 346523


4
11
12
13
14
15
19
1: Sicarius2_41
1
2
4
6
7
10
11
12
13
16
2: Vitus_43
2
4
11
12
13
18
3: Music_42
2
4
12
13
18
4: Vibaki_42
2
4
5
8
9
12
13
18
5: Hirko_41
2
3
4
11
12
13
18
6: GoldDust_43
2
3
4
11
12
13
17
18
7: Gooberta_43

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 346523 Report

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

Pham number 346523 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Sicarius2_41
• Track 2 : Vitus_43
• Track 3 : Music_42
• Track 4 : Vibaki_42
• Track 5 : Hirko_41
• Track 6 : GoldDust_43
• Track 7 : Gooberta_43

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

The start number called the most often in the published annotations is 4, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• GoldDust_43, Gooberta_43, Hirko_41, Music_42, Sicarius2_41, Vibaki_42, Vitus_43,

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 4:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: GoldDust_43 (FL), Gooberta_43 (FL), Hirko_41 (FL), Music_42 (FL), Sicarius2_41 (AO2), Vibaki_42 (FL), Vitus_43 (FL),

Summary by clusters:

There are 2 clusters represented in this pham: FL, AO2,

Info for manual annotations of cluster AO2:
•Start number 4 was manually annotated 1 time for cluster AO2.

Info for manual annotations of cluster FL:
•Start number 4 was manually annotated 5 times for cluster FL.

Gene Information:

Gene: GoldDust_43 Start: 34485, Stop: 35048, Start Num: 4
Candidate Starts for GoldDust_43:
(2, 34308), (3, 34347), (Start: 4 @34485 has 6 MA's), (11, 34755), (12, 34788), (13, 34800), (18, 34977),

Gene: Gooberta_43 Start: 34484, Stop: 35047, Start Num: 4
Candidate Starts for Gooberta_43:
(2, 34307), (3, 34346), (Start: 4 @34484 has 6 MA's), (11, 34754), (12, 34787), (13, 34799), (17, 34907), (18, 34976),

Gene: Hirko_41 Start: 33725, Stop: 34288, Start Num: 4
Candidate Starts for Hirko_41:
(2, 33548), (Start: 4 @33725 has 6 MA's), (5, 33746), (8, 33902), (9, 33953), (12, 34028), (13, 34040), (18, 34217),

Gene: Music_42 Start: 34086, Stop: 34649, Start Num: 4
Candidate Starts for Music_42:
(2, 33909), (Start: 4 @34086 has 6 MA's), (11, 34356), (12, 34389), (13, 34401), (18, 34578),

Gene: Sicarius2_41 Start: 31748, Stop: 32323, Start Num: 4
Candidate Starts for Sicarius2_41:
(Start: 4 @31748 has 6 MA's), (11, 32018), (12, 32051), (13, 32063), (14, 32078), (15, 32108), (19, 32270),

Gene: Vibaki_42 Start: 34107, Stop: 34670, Start Num: 4
Candidate Starts for Vibaki_42:
(2, 33930), (Start: 4 @34107 has 6 MA's), (12, 34410), (13, 34422), (18, 34599),

Gene: Vitus_43 Start: 33109, Stop: 33660, Start Num: 4
Candidate Starts for Vitus_43:
(1, 32857), (2, 32932), (Start: 4 @33109 has 6 MA's), (6, 33220), (7, 33259), (10, 33364), (11, 33379), (12, 33412), (13, 33424), (16, 33484),