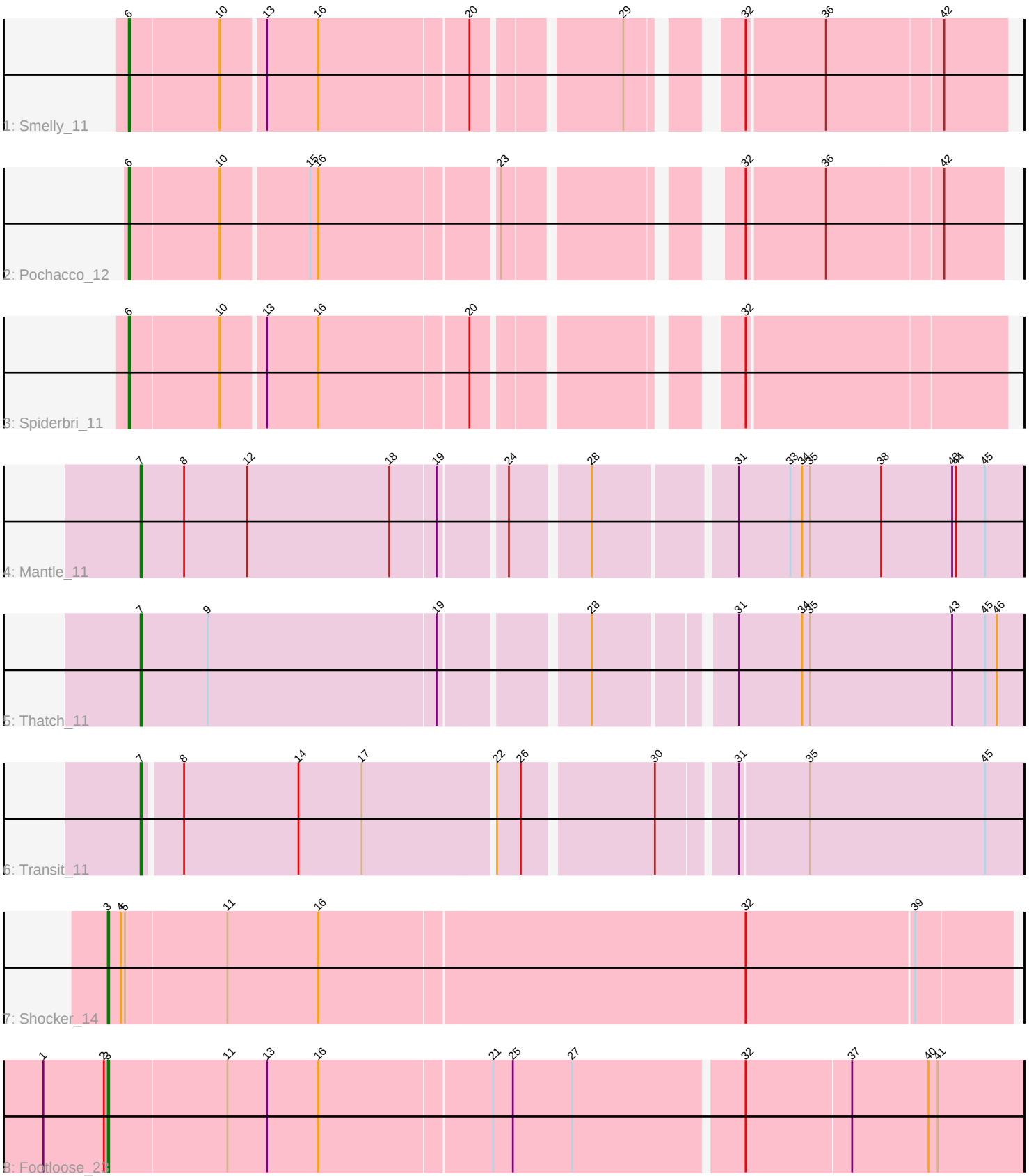
Pham 346460


1: Smelly_11
2: Pochacco_12
3: Spiderbri_11
4: Mantle_11
5: Thatch_11
6: Transit_11
7: Shocker_14
8: Footloose_28

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 346460 Report

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

Pham number 346460 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Smelly_11
• Track 2 : Pochacco_12
• Track 3 : Spiderbri_11
• Track 4 : Mantle_11
• Track 5 : Thatch_11
• Track 6 : Transit_11
• Track 7 : Shocker_14
• Track 8 : Footloose_23

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

The start number called the most often in the published annotations is 7, it was called in 3 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Mantle_11, Thatch_11, Transit_11,

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

Genes that do not have the "Most Annotated" start:
• Footloose_23, Pochacco_12, Shocker_14, Smelly_11, Spiderbri_11,

Summary by start number:

Start 3:
• Found in 2 of 8 (25.0%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Footloose_23 (singleton), Shocker_14 (singleton),

Start 6:
• Found in 3 of 8 (37.5%) of genes in pham

• Manual Annotations of this start: 3 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pochacco_12 (GK), Smelly_11 (GK), Spiderbri_11 (GK),

Start 7:
• Found in 3 of 8 (37.5%) of genes in pham
• Manual Annotations of this start: 3 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Mantle_11 (JB2), Thatch_11 (JB2), Transit_11 (JB2),

Summary by clusters:

There are 3 clusters represented in this pham: singleton, GK, JB2,

Info for manual annotations of cluster GK:
•Start number 6 was manually annotated 3 times for cluster GK.

Info for manual annotations of cluster JB2:
•Start number 7 was manually annotated 3 times for cluster JB2.

Gene Information:

Gene: Footloose_23 Start: 16566, Stop: 17237, Start Num: 3
Candidate Starts for Footloose_23:
(1, 16518), (2, 16563), (Start: 3 @16566 has 2 MA's), (11, 16653), (13, 16683), (16, 16722), (21, 16848), (25, 16863), (27, 16908), (32, 17031), (37, 17109), (40, 17166), (41, 17172),

Gene: Mantle_11 Start: 12138, Stop: 12773, Start Num: 7
Candidate Starts for Mantle_11:
(Start: 7 @12138 has 3 MA's), (8, 12171), (12, 12219), (18, 12327), (19, 12360), (24, 12405), (28, 12459), (31, 12558), (33, 12597), (34, 12606), (35, 12612), (38, 12666), (43, 12720), (44, 12723), (45, 12744),

Gene: Pochacco_12 Start: 11545, Stop: 12132, Start Num: 6
Candidate Starts for Pochacco_12:
(Start: 6 @11545 has 3 MA's), (10, 11611), (15, 11674), (16, 11680), (23, 11806), (32, 11947), (36, 12004), (42, 12088),

Gene: Shocker_14 Start: 5604, Stop: 6272, Start Num: 3
Candidate Starts for Shocker_14:
(Start: 3 @5604 has 2 MA's), (4, 5613), (5, 5616), (11, 5691), (16, 5760), (32, 6078), (39, 6204),

Gene: Smelly_11 Start: 11384, Stop: 11977, Start Num: 6
Candidate Starts for Smelly_11:
(Start: 6 @11384 has 3 MA's), (10, 11450), (13, 11480), (16, 11519), (20, 11627), (29, 11726), (32, 11789), (36, 11846), (42, 11930),

Gene: Spiderbri_11 Start: 11487, Stop: 12080, Start Num: 6
Candidate Starts for Spiderbri_11:

(Start: 6 @11487 has 3 MA's), (10, 11553), (13, 11583), (16, 11622), (20, 11730), (32, 11892),

Gene: Thatch_11 Start: 11919, Stop: 12548, Start Num: 7
Candidate Starts for Thatch_11:
(Start: 7 @11919 has 3 MA's), (9, 11970), (19, 12141), (28, 12240), (31, 12333), (34, 12381), (35, 12387), (43, 12495), (45, 12519), (46, 12528),

Gene: Transit_11 Start: 11933, Stop: 12568, Start Num: 7
Candidate Starts for Transit_11:
(Start: 7 @11933 has 3 MA's), (8, 11960), (14, 12047), (17, 12095), (22, 12191), (26, 12209), (30, 12302), (31, 12356), (35, 12407), (45, 12539),