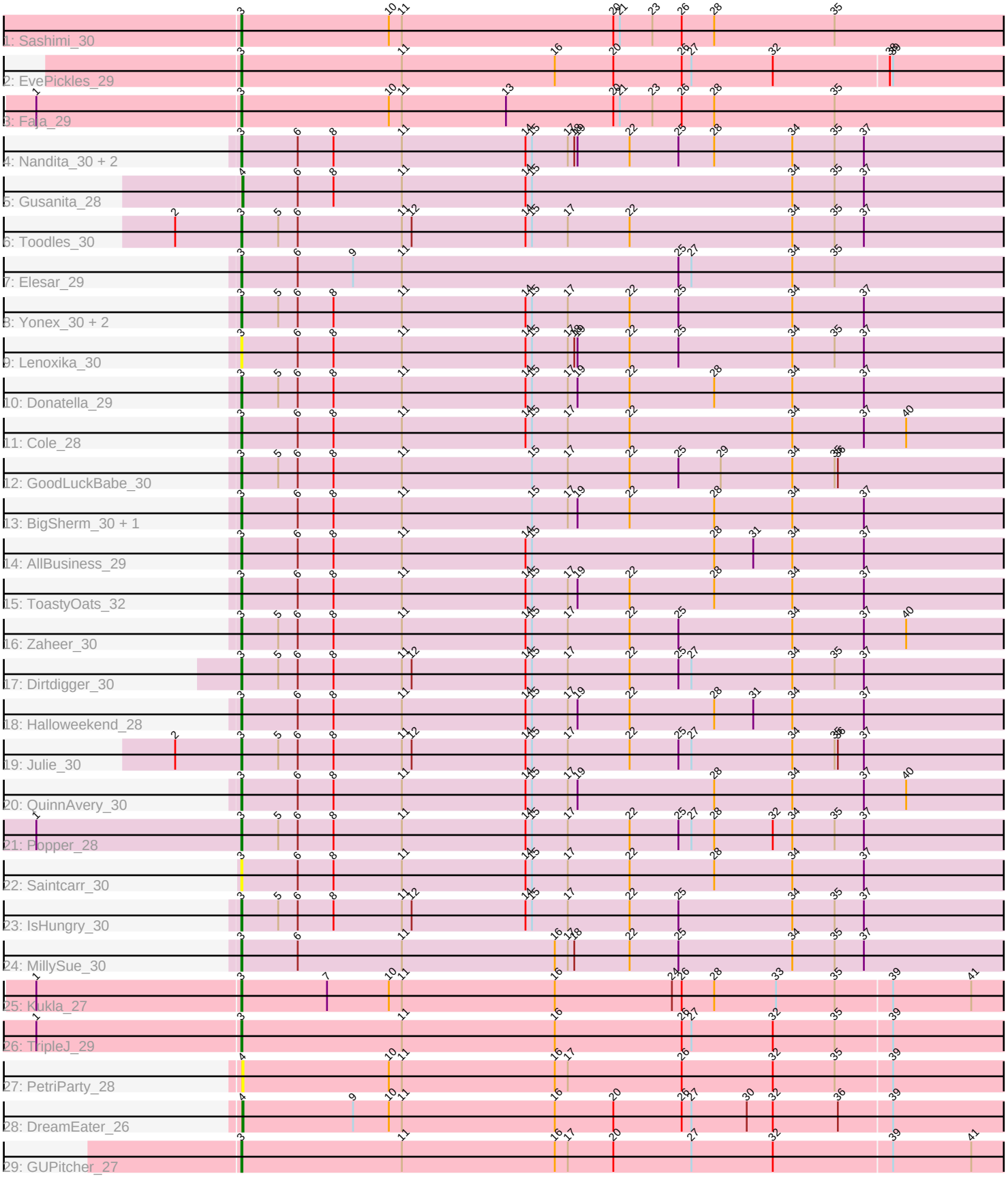
Pham 347860


1: Sashimi_30
2: EvePickles_29
3: Faia_29
4: Nandita_30 + 2
5: Gusanita_28
6: Toodles_30
7: Elesar_29
8: Yonex_30 + 2
9: Lenoxika_30
10: Donatella_29
11: Cole_28
12: GoodLuckBabe_30
13: BigSherm_30 + 1
14: AllBusiness_29
15: ToastyOats_32
16: Zaheer_30
17: Dirtdigger_30
18: Halloweekend_28
19: Julie_30
20: QuinnAvery_30
21: Popper_28
22: Saintcarr_30
23: IsHungry_30
24: MillySue_30
25: Kukla_27
26: TripleJ_29
27: PetriParty_28
28: DreamEater_26
29: GUPitcher_27

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 347860 Report

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

Pham number 347860 has 34 members, 4 are drafts.

Phages represented in each track:
- Track 1 : Sashimi_30
- Track 2 : EvePickles_29
- Track 3 : Faja_29
- Track 4 : Nandita_30, Guinevere_30, Schism_30
- Track 5 : Gusanita_28
- Track 6 : Toodles_30
- Track 7 : Elesar_29
- Track 8 : Yonex_30, Ryan_30, Kihatsu_31
- Track 9 : Lenoxika_30
- Track 10 : Donatella_29
- Track 11 : Cole_28
- Track 12 : GoodLuckBabe_30
- Track 13 : BigSherm_30, Ichiang_28
- Track 14 : AllBusiness_29
- Track 15 : ToastyOats_32
- Track 16 : Zaheer_30
- Track 17 : Dirtdigger_30
- Track 18 : Halloweekend_28
- Track 19 : Julie_30
- Track 20 : QuinnAvery_30
- Track 21 : Popper_28
- Track 22 : Saintcarr_30
- Track 23 : IsHungry_30
- Track 24 : MillySue_30
- Track 25 : Kukla_27
- Track 26 : TripleJ_29
- Track 27 : PetriParty_28
- Track 28 : DreamEater_26
- Track 29 : GUPitcher_27

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 28 of the 30 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AllBusiness_29, BigSherm_30, Cole_28, Dirtdigger_30, Donatella_29, Elesar_29, EvePickles_29, Faja_29, GUPitcher_27, GoodLuckBabe_30, Guinevere_30, Halloweekend_28, Ichiang_28, IsHungry_30, Julie_30, Kihatsu_31, Kukla_27, Lenoxika_30, MillySue_30, Nandita_30, Popper_28, QuinnAvery_30, Ryan_30, Saintcarr_30, Sashimi_30, Schism_30, ToastyOats_32, Toodles_30, TripleJ_29, Yonex_30, Zaheer_30,

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

Genes that do not have the "Most Annotated" start:
• DreamEater_26, Gusanita_28, PetriParty_28,

Summary by start number:

Start 3:
• Found in 31 of 34 (91.2%) of genes in pham
• Manual Annotations of this start: 28 of 30
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AllBusiness_29 (FF), BigSherm_30 (FF), Cole_28 (FF), Dirtdigger_30 (FF), Donatella_29 (FF), Elesar_29 (FF), EvePickles_29 (AY), Faja_29 (AY), GUPitcher_27 (FJ), GoodLuckBabe_30 (FF), Guinevere_30 (FF), Halloweekend_28 (FF), Ichiang_28 (FF), IsHungry_30 (FF), Julie_30 (FF), Kihatsu_31 (FF), Kukla_27 (FJ), Lenoxika_30 (FF), MillySue_30 (FF), Nandita_30 (FF), Popper_28 (FF), QuinnAvery_30 (FF), Ryan_30 (FF), Saintcarr_30 (FF), Sashimi_30 (AY), Schism_30 (FF), ToastyOats_32 (FF), Toodles_30 (FF), TripleJ_29 (FJ), Yonex_30 (FF), Zaheer_30 (FF),

Start 4:
• Found in 3 of 34 (8.8%) of genes in pham
• Manual Annotations of this start: 2 of 30
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DreamEater_26 (FJ), Gusanita_28 (FF), PetriParty_28 (FJ),

Summary by clusters:

There are 3 clusters represented in this pham: AY, FJ, FF,

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

Info for manual annotations of cluster FF:
•Start number 3 was manually annotated 22 times for cluster FF.
•Start number 4 was manually annotated 1 time for cluster FF.

Info for manual annotations of cluster FJ:
•Start number 3 was manually annotated 3 times for cluster FJ.
•Start number 4 was manually annotated 1 time for cluster FJ.

Gene Information:

Gene: AllBusiness_29 Start: 22782, Stop: 23510, Start Num: 3
Candidate Starts for AllBusiness_29:
(Start: 3 @22782 has 28 MA's), (6, 22833), (8, 22866), (11, 22929), (14, 23043), (15, 23049), (28, 23217), (31, 23253), (34, 23289), (37, 23355),

Gene: BigSherm_30 Start: 22491, Stop: 23219, Start Num: 3
Candidate Starts for BigSherm_30:
(Start: 3 @22491 has 28 MA's), (6, 22542), (8, 22575), (11, 22638), (15, 22758), (17, 22791), (19, 22800), (22, 22848), (28, 22926), (34, 22998), (37, 23064),

Gene: Cole_28 Start: 22238, Stop: 22966, Start Num: 3
Candidate Starts for Cole_28:
(Start: 3 @22238 has 28 MA's), (6, 22289), (8, 22322), (11, 22385), (14, 22499), (15, 22505), (17, 22538), (22, 22595), (34, 22745), (37, 22811), (40, 22850),

Gene: Dirtdigger_30 Start: 22312, Stop: 23040, Start Num: 3
Candidate Starts for Dirtdigger_30:
(Start: 3 @22312 has 28 MA's), (5, 22345), (6, 22363), (8, 22396), (11, 22459), (12, 22468), (14, 22573), (15, 22579), (17, 22612), (22, 22669), (25, 22714), (27, 22726), (34, 22819), (35, 22858), (37, 22885),

Gene: Donatella_29 Start: 22702, Stop: 23430, Start Num: 3
Candidate Starts for Donatella_29:
(Start: 3 @22702 has 28 MA's), (5, 22735), (6, 22753), (8, 22786), (11, 22849), (14, 22963), (15, 22969), (17, 23002), (19, 23011), (22, 23059), (28, 23137), (34, 23209), (37, 23275),

Gene: DreamEater_26 Start: 21890, Stop: 22615, Start Num: 4
Candidate Starts for DreamEater_26:
(Start: 4 @21890 has 2 MA's), (9, 21992), (10, 22025), (11, 22037), (16, 22178), (20, 22232), (26, 22295), (27, 22304), (30, 22355), (32, 22379), (36, 22439), (39, 22487),

Gene: Elesar_29 Start: 22487, Stop: 23215, Start Num: 3
Candidate Starts for Elesar_29:
(Start: 3 @22487 has 28 MA's), (6, 22538), (9, 22589), (11, 22634), (25, 22889), (27, 22901), (34, 22994), (35, 23033),

Gene: EvePickles_29 Start: 21738, Stop: 22463, Start Num: 3
Candidate Starts for EvePickles_29:
(Start: 3 @21738 has 28 MA's), (11, 21885), (16, 22026), (20, 22080), (26, 22143), (27, 22152), (32, 22227), (38, 22332), (39, 22335),

Gene: Faja_29 Start: 21630, Stop: 22358, Start Num: 3
Candidate Starts for Faja_29:
(1, 21444), (Start: 3 @21630 has 28 MA's), (10, 21765), (11, 21777), (13, 21873), (20, 21972), (21, 21978), (23, 22008), (26, 22035), (28, 22065), (35, 22176),

Gene: GUPitcher_27 Start: 21307, Stop: 22032, Start Num: 3
Candidate Starts for GUPitcher_27:
(Start: 3 @21307 has 28 MA's), (11, 21454), (16, 21595), (17, 21607), (20, 21649), (27, 21721), (32, 21796), (39, 21904), (41, 21976),

Gene: GoodLuckBabe_30 Start: 22820, Stop: 23548, Start Num: 3
Candidate Starts for GoodLuckBabe_30:
(Start: 3 @22820 has 28 MA's), (5, 22853), (6, 22871), (8, 22904), (11, 22967), (15, 23087), (17, 23120), (22, 23177), (25, 23222), (29, 23261), (34, 23327), (35, 23366), (36, 23369),

Gene: Guinevere_30 Start: 22410, Stop: 23138, Start Num: 3
Candidate Starts for Guinevere_30:
(Start: 3 @22410 has 28 MA's), (6, 22461), (8, 22494), (11, 22557), (14, 22671), (15, 22677), (17, 22710), (18, 22716), (19, 22719), (22, 22767), (25, 22812), (28, 22845), (34, 22917), (35, 22956), (37, 22983),

Gene: Gusanita_28 Start: 22173, Stop: 22901, Start Num: 4
Candidate Starts for Gusanita_28:
(Start: 4 @22173 has 2 MA's), (6, 22224), (8, 22257), (11, 22320), (14, 22434), (15, 22440), (34, 22680), (35, 22719), (37, 22746),

Gene: Halloweekend_28 Start: 22117, Stop: 22845, Start Num: 3
Candidate Starts for Halloweekend_28:
(Start: 3 @22117 has 28 MA's), (6, 22168), (8, 22201), (11, 22264), (14, 22378), (15, 22384), (17, 22417), (19, 22426), (22, 22474), (28, 22552), (31, 22588), (34, 22624), (37, 22690),

Gene: Ichiang_28 Start: 22136, Stop: 22864, Start Num: 3
Candidate Starts for Ichiang_28:
(Start: 3 @22136 has 28 MA's), (6, 22187), (8, 22220), (11, 22283), (15, 22403), (17, 22436), (19, 22445), (22, 22493), (28, 22571), (34, 22643), (37, 22709),

Gene: IsHungry_30 Start: 22738, Stop: 23466, Start Num: 3
Candidate Starts for IsHungry_30:
(Start: 3 @22738 has 28 MA's), (5, 22771), (6, 22789), (8, 22822), (11, 22885), (12, 22894), (14, 22999), (15, 23005), (17, 23038), (22, 23095), (25, 23140), (34, 23245), (35, 23284), (37, 23311),

Gene: Julie_30 Start: 22890, Stop: 23618, Start Num: 3
Candidate Starts for Julie_30:
(2, 22830), (Start: 3 @22890 has 28 MA's), (5, 22923), (6, 22941), (8, 22974), (11, 23037), (12, 23046), (14, 23151), (15, 23157), (17, 23190), (22, 23247), (25, 23292), (27, 23304), (34, 23397), (35, 23436), (36, 23439), (37, 23463),

Gene: Kihatsu_31 Start: 22756, Stop: 23484, Start Num: 3
Candidate Starts for Kihatsu_31:
(Start: 3 @22756 has 28 MA's), (5, 22789), (6, 22807), (8, 22840), (11, 22903), (14, 23017), (15, 23023), (17, 23056), (22, 23113), (25, 23158), (34, 23263), (37, 23329),

Gene: Kukla_27 Start: 21124, Stop: 21849, Start Num: 3
Candidate Starts for Kukla_27:
(1, 20938), (Start: 3 @21124 has 28 MA's), (7, 21202), (10, 21259), (11, 21271), (16, 21412), (24, 21520), (26, 21529), (28, 21559), (33, 21616), (35, 21670), (39, 21721), (41, 21793),

Gene: Lenoxika_30 Start: 22406, Stop: 23134, Start Num: 3
Candidate Starts for Lenoxika_30:
(Start: 3 @22406 has 28 MA's), (6, 22457), (8, 22490), (11, 22553), (14, 22667), (15, 22673), (17, 22706), (18, 22712), (19, 22715), (22, 22763), (25, 22808), (34, 22913), (35, 22952), (37, 22979),

Gene: MillySue_30 Start: 22307, Stop: 23035, Start Num: 3

Candidate Starts for MillySue_30:
(Start: 3 @22307 has 28 MA's), (6, 22358), (11, 22454), (16, 22595), (17, 22607), (18, 22613), (22, 22664), (25, 22709), (34, 22814), (35, 22853), (37, 22880),

Gene: Nandita_30 Start: 22410, Stop: 23138, Start Num: 3
Candidate Starts for Nandita_30:
(Start: 3 @22410 has 28 MA's), (6, 22461), (8, 22494), (11, 22557), (14, 22671), (15, 22677), (17, 22710), (18, 22716), (19, 22719), (22, 22767), (25, 22812), (28, 22845), (34, 22917), (35, 22956), (37, 22983),

Gene: PetriParty_28 Start: 21998, Stop: 22723, Start Num: 4
Candidate Starts for PetriParty_28:
(Start: 4 @21998 has 2 MA's), (10, 22133), (11, 22145), (16, 22286), (17, 22298), (26, 22403), (32, 22487), (35, 22544), (39, 22595),

Gene: Popper_28 Start: 22323, Stop: 23051, Start Num: 3
Candidate Starts for Popper_28:
(1, 22134), (Start: 3 @22323 has 28 MA's), (5, 22356), (6, 22374), (8, 22407), (11, 22470), (14, 22584), (15, 22590), (17, 22623), (22, 22680), (25, 22725), (27, 22737), (28, 22758), (32, 22812), (34, 22830), (35, 22869), (37, 22896),

Gene: QuinnAvery_30 Start: 22500, Stop: 23228, Start Num: 3
Candidate Starts for QuinnAvery_30:
(Start: 3 @22500 has 28 MA's), (6, 22551), (8, 22584), (11, 22647), (14, 22761), (15, 22767), (17, 22800), (19, 22809), (28, 22935), (34, 23007), (37, 23073), (40, 23112),

Gene: Ryan_30 Start: 23021, Stop: 23749, Start Num: 3
Candidate Starts for Ryan_30:
(Start: 3 @23021 has 28 MA's), (5, 23054), (6, 23072), (8, 23105), (11, 23168), (14, 23282), (15, 23288), (17, 23321), (22, 23378), (25, 23423), (34, 23528), (37, 23594),

Gene: Saintcarr_30 Start: 22583, Stop: 23311, Start Num: 3
Candidate Starts for Saintcarr_30:
(Start: 3 @22583 has 28 MA's), (6, 22634), (8, 22667), (11, 22730), (14, 22844), (15, 22850), (17, 22883), (22, 22940), (28, 23018), (34, 23090), (37, 23156),

Gene: Sashimi_30 Start: 21537, Stop: 22265, Start Num: 3
Candidate Starts for Sashimi_30:
(Start: 3 @21537 has 28 MA's), (10, 21672), (11, 21684), (20, 21879), (21, 21885), (23, 21915), (26, 21942), (28, 21972), (35, 22083),

Gene: Schism_30 Start: 22410, Stop: 23138, Start Num: 3
Candidate Starts for Schism_30:
(Start: 3 @22410 has 28 MA's), (6, 22461), (8, 22494), (11, 22557), (14, 22671), (15, 22677), (17, 22710), (18, 22716), (19, 22719), (22, 22767), (25, 22812), (28, 22845), (34, 22917), (35, 22956), (37, 22983),

Gene: ToastyOats_32 Start: 23041, Stop: 23769, Start Num: 3
Candidate Starts for ToastyOats_32:
(Start: 3 @23041 has 28 MA's), (6, 23092), (8, 23125), (11, 23188), (14, 23302), (15, 23308), (17, 23341), (19, 23350), (22, 23398), (28, 23476), (34, 23548), (37, 23614),

Gene: Toodles_30 Start: 22871, Stop: 23599, Start Num: 3

Candidate Starts for Toodles_30:
(2, 22811), (Start: 3 @22871 has 28 MA's), (5, 22904), (6, 22922), (11, 23018), (12, 23027), (14, 23132), (15, 23138), (17, 23171), (22, 23228), (34, 23378), (35, 23417), (37, 23444),

Gene: TripleJ_29 Start: 22008, Stop: 22733, Start Num: 3
Candidate Starts for TripleJ_29:
(1, 21822), (Start: 3 @22008 has 28 MA's), (11, 22155), (16, 22296), (26, 22413), (27, 22422), (32, 22497), (35, 22554), (39, 22605),

Gene: Yonex_30 Start: 23021, Stop: 23749, Start Num: 3
Candidate Starts for Yonex_30:
(Start: 3 @23021 has 28 MA's), (5, 23054), (6, 23072), (8, 23105), (11, 23168), (14, 23282), (15, 23288), (17, 23321), (22, 23378), (25, 23423), (34, 23528), (37, 23594),

Gene: Zaheer_30 Start: 23110, Stop: 23838, Start Num: 3
Candidate Starts for Zaheer_30:
(Start: 3 @23110 has 28 MA's), (5, 23143), (6, 23161), (8, 23194), (11, 23257), (14, 23371), (15, 23377), (17, 23410), (22, 23467), (25, 23512), (34, 23617), (37, 23683), (40, 23722),