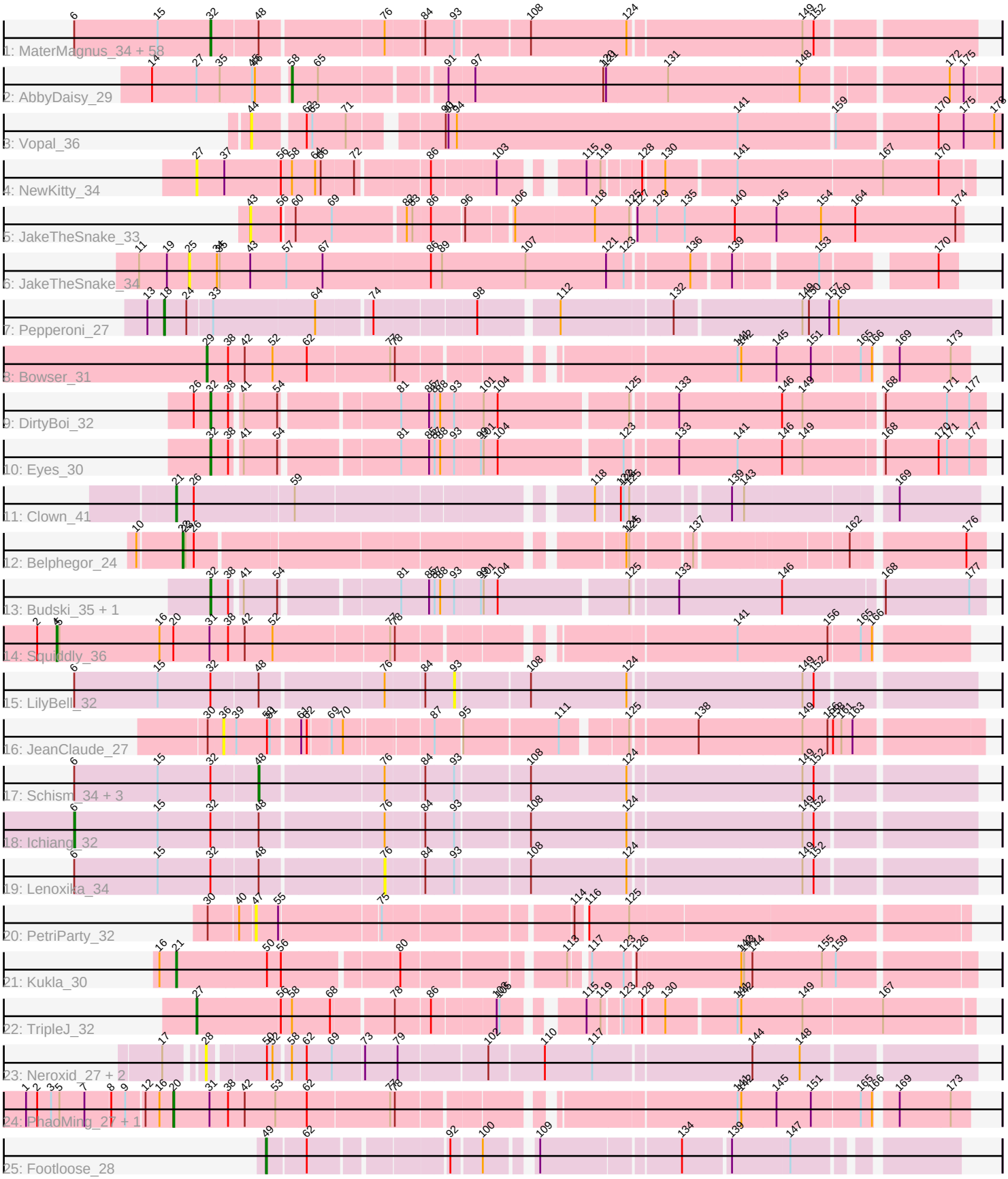
Pham 345612


1: MaterMagnus_34 + 58
2: AbbyDaisy_29
3: Vopal_36
4: NewKitty_34
5: JakeTheSnake_33
6: JakeTheSnake_34
7: Pepperoni_27
8: Bowser_31
9: DirtyBoi_32
10: Eyes_30
11: Clown_41
12: Belphegor_24
13: Budski_35 + 1
14: Squiddly_36
15: LilyBell_32
16: JeanClaude_27
17: Schism_34 + 3
18: Ichiang_32
19: Lenoxika_34
20: PetriParty_32
21: Kukla_30
22: TripleJ_32
23: Neroxid_27 + 2
24: PhaoMing_27 + 1
25: 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 345612 Report

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

Pham number 345612 has 90 members, 20 are drafts.

Phages represented in each track:
• Track 1 : MaterMagnus_34, MidnightRain_34, Hillester_34, MUWow_33, BenchScraper_34, Isolde_34, FosterFrank_33, CookieBear_34, Nandita_34, SonDevVon_33, ChuckDuck_33, Toodles_34, RadFad_34, BellaJr_31, KayMoney_33, Sakai_34, Lasker_34, BlackSpider_29, Sporco_34, Richie_34, Satrap_34, Guinevere_34, MillySue_34, QuinnAvery_34, Saintcarr_34, GoodLuckBabe_34, Constance_32, Yonex_34, Bauer_30, Kihatsu_35, Mapleville_33, GlobiWarming_33, Henrique_33, Kabloowy_34, BigSherm_34, ToastyOats_36, Zaheer_34, Gusanita_32, GumGum_34, Karkharias_32, Donatella_33, CosmicBrownie_34, BasketStar_34, BlueShadow_34, NikkiHotWheels_33, PeggyLeg03_32, Halloweekend_32, Shukran_34, ThayneTheZag_34, Ryan_34, Popper_32, Dirtdigger_34, Lawnathon_34, Judy_33, Bridgette_32, Cole_32, YoungHarleezy_34, Globfish_34, SpicyFrank_34
• Track 2 : AbbyDaisy_29
• Track 3 : Vopal_36
• Track 4 : NewKitty_34
• Track 5 : JakeTheSnake_33
• Track 6 : JakeTheSnake_34
• Track 7 : Pepperoni_27
• Track 8 : Bowser_31
• Track 9 : DirtyBoi_32
• Track 10 : Eyes_30
• Track 11 : Clown_41
• Track 12 : Belphegor_24
• Track 13 : Budski_35, Matteo_26
• Track 14 : Squiddly_36
• Track 15 : LilyBell_32
• Track 16 : JeanClaude_27
• Track 17 : Schism_34, DarwinJr_37, Raphaella_34, Hestia_34
• Track 18 : Ichiang_32
• Track 19 : Lenoxika_34
• Track 20 : PetriParty_32
• Track 21 : Kukla_30
• Track 22 : TripleJ_32
• Track 23 : Neroxid_27, Raya_27, Skyerus_27
• Track 24 : PhaoMing_27, Morkie_28
• Track 25 : Footloose_28

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

The start number called the most often in the published annotations is 32, it was called in 55 of the 70 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BasketStar_34, Bauer_30, BellaJr_31, BenchScraper_34, BigSherm_34, BlackSpider_29, BlueShadow_34, Bridgette_32, Budski_35, ChuckDuck_33, Cole_32, Constance_32, CookieBear_34, CosmicBrownie_34, Dirtdigger_34, DirtyBoi_32, Donatella_33, Eyes_30, FosterFrank_33, Globfish_34, GlobiWarming_33, GoodLuckBabe_34, Guinevere_34, GumGum_34, Gusanita_32, Halloweekend_32, Henrique_33, Hillester_34, Isolde_34, Judy_33, Kabloowy_34, Karkharias_32, KayMoney_33, Kihatsu_35, Lasker_34, Lawnathon_34, MUWow_33, Mapleville_33, MaterMagnus_34, Matteo_26, MidnightRain_34, MillySue_34, Nandita_34, NikkiHotWheels_33, PeggyLeg03_32, Popper_32, QuinnAvery_34, RadFad_34, Richie_34, Ryan_34, Saintcarr_34, Sakai_34, Satrap_34, Shukran_34, SonDevVon_33, SpicyFrank_34, Sporco_34, ThayneTheZag_34, ToastyOats_36, Toodles_34, Yonex_34, YoungHarleezy_34, Zaheer_34,

Genes that have the "Most Annotated" start but do not call it:
• DarwinJr_37, Hestia_34, Ichiang_32, Lenoxika_34, LilyBell_32, Raphaella_34, Schism_34,

Genes that do not have the "Most Annotated" start:
• AbbyDaisy_29, Belphegor_24, Bowser_31, Clown_41, Footloose_28, JakeTheSnake_33, JakeTheSnake_34, JeanClaude_27, Kukla_30, Morkie_28, Neroxid_27, NewKitty_34, Pepperoni_27, PetriParty_32, PhaoMing_27, Raya_27, Skyerus_27, Squiddly_36, TripleJ_32, Vopal_36,

Summary by start number:

Start 4:
• Found in 1 of 90 (1.1%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Squiddly_36 (DN2),

Start 6:
• Found in 66 of 90 (73.3%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 1.5% of time when present
• Phage (with cluster) where this start called: Ichiang_32 (FF),

Start 18:
• Found in 1 of 90 (1.1%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pepperoni_27 (CZ),

Start 20:

• Found in 3 of 90 (3.3%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Morkie_28 (DH), PhaoMing_27 (UNK),

Start 21:
• Found in 2 of 90 (2.2%) of genes in pham
• Manual Annotations of this start: 2 of 70
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Clown_41 (DC2), Kukla_30 (FJ),

Start 22:
• Found in 1 of 90 (1.1%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Belphegor_24 (DE2),

Start 25:
• Found in 1 of 90 (1.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JakeTheSnake_34 (AY),

Start 27:
• Found in 3 of 90 (3.3%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 66.7% of time when present
• Phage (with cluster) where this start called: NewKitty_34 (AY), TripleJ_32 (FJ),

Start 28:
• Found in 3 of 90 (3.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Neroxid_27 (FQ2), Raya_27 (FQ2), Skyerus_27 (FQ2),

Start 29:
• Found in 1 of 90 (1.1%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bowser_31 (DB),

Start 32:
• Found in 70 of 90 (77.8%) of genes in pham
• Manual Annotations of this start: 55 of 70
• Called 90.0% of time when present
• Phage (with cluster) where this start called: BasketStar_34 (AY), Bauer_30 (FN), BellaJr_31 (FN), BenchScraper_34 (AY), BigSherm_34 (FF), BlackSpider_29 (FN), BlueShadow_34 (AY), Bridgette_32 (FA), Budski_35 (DN), ChuckDuck_33 (FA), Cole_32 (FF), Constance_32 (FA), CookieBear_34 (AY), CosmicBrownie_34 (AY), Dirtdigger_34 (FF), DirtyBoi_32 (DB), Donatella_33 (FF), Eyes_30 (DB), FosterFrank_33 (FA), Globfish_34 (AY), GlobiWarming_33 (FA), GoodLuckBabe_34 (FF), Guinevere_34 (FF), GumGum_34 (AY), Gusanita_32 (FF), Halloweekend_32

(FF), Henrique_33 (FA), Hillester_34 (AY), Isolde_34 (AY), Judy_33 (FA), Kabloowy_34 (AY), Karkharias_32 (FA), KayMoney_33 (FA), Kihatsu_35 (FF), Lasker_34 (AY), Lawnathon_34 (AY), MUWow_33 (AY), Mapleville_33 (AY), MaterMagnus_34 (AY), Matteo_26 (CZ2), MidnightRain_34 (AY), MillySue_34 (FF), Nandita_34 (FF), NikkiHotWheels_33 (FA), PeggyLeg03_32 (FA), Popper_32 (FF), QuinnAvery_34 (FF), RadFad_34 (AY), Richie_34 (AY), Ryan_34 (FF), Saintcarr_34 (FF), Sakai_34 (AY), Satrap_34 (AY), Shukran_34 (AY), SonDevVon_33 (AY), SpicyFrank_34 (AY), Sporco_34 (AY), ThayneTheZag_34 (AY), ToastyOats_36 (FF), Toodles_34 (FF), Yonex_34 (FF), YoungHarleezy_34 (AY), Zaheer_34 (FF),

Start 36:
• Found in 1 of 90 (1.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JeanClaude_27 (FB),

Start 43:
• Found in 2 of 90 (2.2%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: JakeTheSnake_33 (AY),

Start 44:
• Found in 1 of 90 (1.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Vopal_36 (AY),

Start 47:
• Found in 1 of 90 (1.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: PetriParty_32 (FJ),

Start 48:
• Found in 66 of 90 (73.3%) of genes in pham
• Manual Annotations of this start: 4 of 70
• Called 6.1% of time when present
• Phage (with cluster) where this start called: DarwinJr_37 (AY), Hestia_34 (AY), Raphaella_34 (AY), Schism_34 (FF),

Start 49:
• Found in 1 of 90 (1.1%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Footloose_28 (singleton),

Start 58:
• Found in 6 of 90 (6.7%) of genes in pham
• Manual Annotations of this start: 1 of 70
• Called 16.7% of time when present
• Phage (with cluster) where this start called: AbbyDaisy_29 (AY),

Start 76:
• Found in 66 of 90 (73.3%) of genes in pham
• No Manual Annotations of this start.
• Called 1.5% of time when present
• Phage (with cluster) where this start called: Lenoxika_34 (FF),

Start 93:
• Found in 70 of 90 (77.8%) of genes in pham
• No Manual Annotations of this start.
• Called 1.4% of time when present
• Phage (with cluster) where this start called: LilyBell_32 (FA),

Summary by clusters:

There are 17 clusters represented in this pham: DN, singleton, DH, FA, CZ2, DE2, DB, CZ, FQ2, FB, FF, DN2, AY, FJ, UNK, DC2, FN,

Info for manual annotations of cluster AY:
•Start number 32 was manually annotated 22 times for cluster AY.
•Start number 48 was manually annotated 3 times for cluster AY.
•Start number 58 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster CZ:
•Start number 18 was manually annotated 1 time for cluster CZ.

Info for manual annotations of cluster CZ2:
•Start number 32 was manually annotated 1 time for cluster CZ2.

Info for manual annotations of cluster DB:
•Start number 29 was manually annotated 1 time for cluster DB.
•Start number 32 was manually annotated 2 times for cluster DB.

Info for manual annotations of cluster DC2:
•Start number 21 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE2:
•Start number 22 was manually annotated 1 time for cluster DE2.

Info for manual annotations of cluster DH:
•Start number 20 was manually annotated 1 time for cluster DH.

Info for manual annotations of cluster DN:
•Start number 32 was manually annotated 1 time for cluster DN.

Info for manual annotations of cluster DN2:
•Start number 4 was manually annotated 1 time for cluster DN2.

Info for manual annotations of cluster FA:
•Start number 32 was manually annotated 10 times for cluster FA.

Info for manual annotations of cluster FF:
•Start number 6 was manually annotated 1 time for cluster FF.

•Start number 32 was manually annotated 17 times for cluster FF.
•Start number 48 was manually annotated 1 time for cluster FF.

Info for manual annotations of cluster FJ:
•Start number 21 was manually annotated 1 time for cluster FJ.
•Start number 27 was manually annotated 1 time for cluster FJ.

Info for manual annotations of cluster FN:
•Start number 32 was manually annotated 2 times for cluster FN.

Gene Information:

Gene: AbbyDaisy_29 Start: 23243, Stop: 22524, Start Num: 58
Candidate Starts for AbbyDaisy_29:
(14, 23381), (Start: 27 @23333 has 1 MA's), (35, 23309), (45, 23276), (46, 23273), (Start: 58 @23243 has 1 MA's), (65, 23216), (91, 23093), (97, 23066), (120, 22928), (121, 22925), (131, 22859), (148, 22721), (172, 22577), (175, 22562),

Gene: BasketStar_34 Start: 23905, Stop: 23138, Start Num: 32
Candidate Starts for BasketStar_34:
(Start: 6 @24052 has 1 MA's), (15, 23962), (Start: 32 @23905 has 55 MA's), (Start: 48 @23860 has 4 MA's), (76, 23734), (84, 23695), (93, 23665), (108, 23590), (124, 23488), (149, 23311), (152, 23299),

Gene: Bauer_30 Start: 23423, Stop: 22656, Start Num: 32
Candidate Starts for Bauer_30:
(Start: 6 @23570 has 1 MA's), (15, 23480), (Start: 32 @23423 has 55 MA's), (Start: 48 @23378 has 4 MA's), (76, 23252), (84, 23213), (93, 23183), (108, 23108), (124, 23006), (149, 22829), (152, 22817),

Gene: BellaJr_31 Start: 24401, Stop: 23634, Start Num: 32
Candidate Starts for BellaJr_31:
(Start: 6 @24548 has 1 MA's), (15, 24458), (Start: 32 @24401 has 55 MA's), (Start: 48 @24356 has 4 MA's), (76, 24230), (84, 24191), (93, 24161), (108, 24086), (124, 23984), (149, 23807), (152, 23795),

Gene: Belphegor_24 Start: 20323, Stop: 19565, Start Num: 22
Candidate Starts for Belphegor_24:
(10, 20368), (Start: 22 @20323 has 1 MA's), (23, 20320), (26, 20311), (124, 19903), (125, 19900), (137, 19843), (162, 19696), (176, 19585),

Gene: BenchScraper_34 Start: 23866, Stop: 23099, Start Num: 32
Candidate Starts for BenchScraper_34:
(Start: 6 @24013 has 1 MA's), (15, 23923), (Start: 32 @23866 has 55 MA's), (Start: 48 @23821 has 4 MA's), (76, 23695), (84, 23656), (93, 23626), (108, 23551), (124, 23449), (149, 23272), (152, 23260),

Gene: BigSherm_34 Start: 25638, Stop: 24871, Start Num: 32
Candidate Starts for BigSherm_34:
(Start: 6 @25785 has 1 MA's), (15, 25695), (Start: 32 @25638 has 55 MA's), (Start: 48 @25593 has 4 MA's), (76, 25467), (84, 25428), (93, 25398), (108, 25323), (124, 25221), (149, 25044), (152, 25032),

Gene: BlackSpider_29 Start: 23313, Stop: 22546, Start Num: 32

Candidate Starts for BlackSpider_29:
(Start: 6 @23460 has 1 MA's), (15, 23370), (Start: 32 @23313 has 55 MA's), (Start: 48 @23268 has 4 MA's), (76, 23142), (84, 23103), (93, 23073), (108, 22998), (124, 22896), (149, 22719), (152, 22707),

Gene: BlueShadow_34 Start: 23851, Stop: 23084, Start Num: 32
Candidate Starts for BlueShadow_34:
(Start: 6 @23998 has 1 MA's), (15, 23908), (Start: 32 @23851 has 55 MA's), (Start: 48 @23806 has 4 MA's), (76, 23680), (84, 23641), (93, 23611), (108, 23536), (124, 23434), (149, 23257), (152, 23245),

Gene: Bowser_31 Start: 26713, Stop: 25970, Start Num: 29
Candidate Starts for Bowser_31:
(Start: 29 @26713 has 1 MA's), (38, 26692), (42, 26674), (52, 26644), (62, 26608), (77, 26521), (78, 26518), (141, 26200), (142, 26197), (145, 26161), (151, 26125), (165, 26074), (166, 26062), (169, 26044), (173, 25990),

Gene: Bridgette_32 Start: 23917, Stop: 23150, Start Num: 32
Candidate Starts for Bridgette_32:
(Start: 6 @24064 has 1 MA's), (15, 23974), (Start: 32 @23917 has 55 MA's), (Start: 48 @23872 has 4 MA's), (76, 23746), (84, 23707), (93, 23677), (108, 23602), (124, 23500), (149, 23323), (152, 23311),

Gene: Budski_35 Start: 29279, Stop: 28509, Start Num: 32
Candidate Starts for Budski_35:
(Start: 32 @29279 has 55 MA's), (38, 29261), (41, 29252), (54, 29216), (81, 29102), (85, 29072), (87, 29066), (88, 29060), (93, 29045), (99, 29018), (101, 29015), (104, 29000), (125, 28868), (133, 28823), (146, 28715), (168, 28616), (177, 28526),

Gene: ChuckDuck_33 Start: 23685, Stop: 22918, Start Num: 32
Candidate Starts for ChuckDuck_33:
(Start: 6 @23832 has 1 MA's), (15, 23742), (Start: 32 @23685 has 55 MA's), (Start: 48 @23640 has 4 MA's), (76, 23514), (84, 23475), (93, 23445), (108, 23370), (124, 23268), (149, 23091), (152, 23079),

Gene: Clown_41 Start: 34888, Stop: 34121, Start Num: 21
Candidate Starts for Clown_41:
(Start: 21 @34888 has 2 MA's), (26, 34870), (59, 34768), (118, 34486), (122, 34465), (123, 34462), (125, 34456), (139, 34363), (143, 34351), (169, 34207),

Gene: Cole_32 Start: 25385, Stop: 24618, Start Num: 32
Candidate Starts for Cole_32:
(Start: 6 @25532 has 1 MA's), (15, 25442), (Start: 32 @25385 has 55 MA's), (Start: 48 @25340 has 4 MA's), (76, 25214), (84, 25175), (93, 25145), (108, 25070), (124, 24968), (149, 24791), (152, 24779),

Gene: Constance_32 Start: 24157, Stop: 23390, Start Num: 32
Candidate Starts for Constance_32:
(Start: 6 @24304 has 1 MA's), (15, 24214), (Start: 32 @24157 has 55 MA's), (Start: 48 @24112 has 4 MA's), (76, 23986), (84, 23947), (93, 23917), (108, 23842), (124, 23740), (149, 23563), (152, 23551),

Gene: CookieBear_34 Start: 23851, Stop: 23084, Start Num: 32
Candidate Starts for CookieBear_34:
(Start: 6 @23998 has 1 MA's), (15, 23908), (Start: 32 @23851 has 55 MA's), (Start: 48 @23806 has 4 MA's), (76, 23680), (84, 23641), (93, 23611), (108, 23536), (124, 23434), (149, 23257), (152, 23245),

Gene: CosmicBrownie_34 Start: 23670, Stop: 22903, Start Num: 32
Candidate Starts for CosmicBrownie_34:

(Start: 6 @23817 has 1 MA's), (15, 23727), (Start: 32 @23670 has 55 MA's), (Start: 48 @23625 has 4 MA's), (76, 23499), (84, 23460), (93, 23430), (108, 23355), (124, 23253), (149, 23076), (152, 23064),

Gene: DarwinJr_37 Start: 25217, Stop: 24495, Start Num: 48
Candidate Starts for DarwinJr_37:
(Start: 6 @25409 has 1 MA's), (15, 25319), (Start: 32 @25262 has 55 MA's), (Start: 48 @25217 has 4 MA's), (76, 25091), (84, 25052), (93, 25022), (108, 24947), (124, 24845), (149, 24668), (152, 24656),

Gene: Dirtdigger_34 Start: 25459, Stop: 24692, Start Num: 32
Candidate Starts for Dirtdigger_34:
(Start: 6 @25606 has 1 MA's), (15, 25516), (Start: 32 @25459 has 55 MA's), (Start: 48 @25414 has 4 MA's), (76, 25288), (84, 25249), (93, 25219), (108, 25144), (124, 25042), (149, 24865), (152, 24853),

Gene: DirtyBoi_32 Start: 28002, Stop: 27232, Start Num: 32
Candidate Starts for DirtyBoi_32:
(26, 28020), (Start: 32 @28002 has 55 MA's), (38, 27984), (41, 27975), (54, 27939), (81, 27825), (85, 27795), (87, 27789), (88, 27783), (93, 27768), (101, 27738), (104, 27723), (125, 27591), (133, 27546), (146, 27438), (149, 27417), (168, 27339), (171, 27273), (177, 27249),

Gene: Donatella_33 Start: 25849, Stop: 25082, Start Num: 32
Candidate Starts for Donatella_33:
(Start: 6 @25996 has 1 MA's), (15, 25906), (Start: 32 @25849 has 55 MA's), (Start: 48 @25804 has 4 MA's), (76, 25678), (84, 25639), (93, 25609), (108, 25534), (124, 25432), (149, 25255), (152, 25243),

Gene: Eyes_30 Start: 27021, Stop: 26251, Start Num: 32
Candidate Starts for Eyes_30:
(Start: 32 @27021 has 55 MA's), (38, 27003), (41, 26994), (54, 26958), (81, 26844), (85, 26814), (87, 26808), (88, 26802), (93, 26787), (99, 26760), (101, 26757), (104, 26742), (123, 26616), (133, 26565), (141, 26502), (146, 26457), (149, 26436), (168, 26358), (170, 26301), (171, 26292), (177, 26268),

Gene: Footloose_28 Start: 20331, Stop: 19687, Start Num: 49
Candidate Starts for Footloose_28:
(Start: 49 @20331 has 1 MA's), (62, 20292), (92, 20160), (100, 20130), (109, 20088), (134, 19947), (139, 19899), (147, 19839),

Gene: FosterFrank_33 Start: 23759, Stop: 22992, Start Num: 32
Candidate Starts for FosterFrank_33:
(Start: 6 @23906 has 1 MA's), (15, 23816), (Start: 32 @23759 has 55 MA's), (Start: 48 @23714 has 4 MA's), (76, 23588), (84, 23549), (93, 23519), (108, 23444), (124, 23342), (149, 23165), (152, 23153),

Gene: Globfish_34 Start: 24085, Stop: 23318, Start Num: 32
Candidate Starts for Globfish_34:
(Start: 6 @24232 has 1 MA's), (15, 24142), (Start: 32 @24085 has 55 MA's), (Start: 48 @24040 has 4 MA's), (76, 23914), (84, 23875), (93, 23845), (108, 23770), (124, 23668), (149, 23491), (152, 23479),

Gene: GlobiWarming_33 Start: 23600, Stop: 22833, Start Num: 32
Candidate Starts for GlobiWarming_33:
(Start: 6 @23747 has 1 MA's), (15, 23657), (Start: 32 @23600 has 55 MA's), (Start: 48 @23555 has 4 MA's), (76, 23429), (84, 23390), (93, 23360), (108, 23285), (124, 23183), (149, 23006), (152, 22994),

Gene: GoodLuckBabe_34 Start: 25967, Stop: 25200, Start Num: 32
Candidate Starts for GoodLuckBabe_34:

(Start: 6 @26114 has 1 MA's), (15, 26024), (Start: 32 @25967 has 55 MA's), (Start: 48 @25922 has 4 MA's), (76, 25796), (84, 25757), (93, 25727), (108, 25652), (124, 25550), (149, 25373), (152, 25361),

Gene: Guinevere_34 Start: 25557, Stop: 24790, Start Num: 32
Candidate Starts for Guinevere_34:
(Start: 6 @25704 has 1 MA's), (15, 25614), (Start: 32 @25557 has 55 MA's), (Start: 48 @25512 has 4 MA's), (76, 25386), (84, 25347), (93, 25317), (108, 25242), (124, 25140), (149, 24963), (152, 24951),

Gene: GumGum_34 Start: 24014, Stop: 23247, Start Num: 32
Candidate Starts for GumGum_34:
(Start: 6 @24161 has 1 MA's), (15, 24071), (Start: 32 @24014 has 55 MA's), (Start: 48 @23969 has 4 MA's), (76, 23843), (84, 23804), (93, 23774), (108, 23699), (124, 23597), (149, 23420), (152, 23408),

Gene: Gusanita_32 Start: 25320, Stop: 24553, Start Num: 32
Candidate Starts for Gusanita_32:
(Start: 6 @25467 has 1 MA's), (15, 25377), (Start: 32 @25320 has 55 MA's), (Start: 48 @25275 has 4 MA's), (76, 25149), (84, 25110), (93, 25080), (108, 25005), (124, 24903), (149, 24726), (152, 24714),

Gene: Halloweekend_32 Start: 25264, Stop: 24497, Start Num: 32
Candidate Starts for Halloweekend_32:
(Start: 6 @25411 has 1 MA's), (15, 25321), (Start: 32 @25264 has 55 MA's), (Start: 48 @25219 has 4 MA's), (76, 25093), (84, 25054), (93, 25024), (108, 24949), (124, 24847), (149, 24670), (152, 24658),

Gene: Henrique_33 Start: 23628, Stop: 22861, Start Num: 32
Candidate Starts for Henrique_33:
(Start: 6 @23775 has 1 MA's), (15, 23685), (Start: 32 @23628 has 55 MA's), (Start: 48 @23583 has 4 MA's), (76, 23457), (84, 23418), (93, 23388), (108, 23313), (124, 23211), (149, 23034), (152, 23022),

Gene: Hestia_34 Start: 23845, Stop: 23123, Start Num: 48
Candidate Starts for Hestia_34:
(Start: 6 @24037 has 1 MA's), (15, 23947), (Start: 32 @23890 has 55 MA's), (Start: 48 @23845 has 4 MA's), (76, 23719), (84, 23680), (93, 23650), (108, 23575), (124, 23473), (149, 23296), (152, 23284),

Gene: Hillester_34 Start: 23851, Stop: 23084, Start Num: 32
Candidate Starts for Hillester_34:
(Start: 6 @23998 has 1 MA's), (15, 23908), (Start: 32 @23851 has 55 MA's), (Start: 48 @23806 has 4 MA's), (76, 23680), (84, 23641), (93, 23611), (108, 23536), (124, 23434), (149, 23257), (152, 23245),

Gene: Ichiang_32 Start: 25430, Stop: 24516, Start Num: 6
Candidate Starts for Ichiang_32:
(Start: 6 @25430 has 1 MA's), (15, 25340), (Start: 32 @25283 has 55 MA's), (Start: 48 @25238 has 4 MA's), (76, 25112), (84, 25073), (93, 25043), (108, 24968), (124, 24866), (149, 24689), (152, 24677),

Gene: Isolde_34 Start: 23620, Stop: 22853, Start Num: 32
Candidate Starts for Isolde_34:
(Start: 6 @23767 has 1 MA's), (15, 23677), (Start: 32 @23620 has 55 MA's), (Start: 48 @23575 has 4 MA's), (76, 23449), (84, 23410), (93, 23380), (108, 23305), (124, 23203), (149, 23026), (152, 23014),

Gene: JakeTheSnake_33 Start: 23902, Stop: 23168, Start Num: 43
Candidate Starts for JakeTheSnake_33:
(43, 23902), (56, 23869), (60, 23857), (69, 23818), (82, 23743), (83, 23737), (86, 23719), (96, 23686), (106, 23641), (118, 23557), (125, 23521), (127, 23518), (129, 23497), (135, 23467), (140, 23413), (145, 23368), (154, 23320), (164, 23284), (174, 23176),

Gene: JakeTheSnake_34 Start: 24710, Stop: 23937, Start Num: 25
Candidate Starts for JakeTheSnake_34:
(11, 24764), (19, 24734), (25, 24710), (34, 24680), (35, 24677), (43, 24644), (57, 24605), (67, 24566), (86, 24452), (89, 24440), (107, 24350), (121, 24263), (123, 24245), (136, 24182), (139, 24143), (153, 24062), (170, 23957),

Gene: JeanClaude_27 Start: 21332, Stop: 20589, Start Num: 36
Candidate Starts for JeanClaude_27:
(30, 21347), (36, 21332), (39, 21320), (50, 21287), (51, 21284), (61, 21257), (62, 21251), (69, 21230), (70, 21218), (87, 21134), (95, 21107), (111, 21008), (125, 20948), (138, 20882), (149, 20774), (156, 20747), (158, 20741), (161, 20732), (163, 20720),

Gene: Judy_33 Start: 24168, Stop: 23401, Start Num: 32
Candidate Starts for Judy_33:
(Start: 6 @24315 has 1 MA's), (15, 24225), (Start: 32 @24168 has 55 MA's), (Start: 48 @24123 has 4 MA's), (76, 23997), (84, 23958), (93, 23928), (108, 23853), (124, 23751), (149, 23574), (152, 23562),

Gene: Kabloowy_34 Start: 24031, Stop: 23264, Start Num: 32
Candidate Starts for Kabloowy_34:
(Start: 6 @24178 has 1 MA's), (15, 24088), (Start: 32 @24031 has 55 MA's), (Start: 48 @23986 has 4 MA's), (76, 23860), (84, 23821), (93, 23791), (108, 23716), (124, 23614), (149, 23437), (152, 23425),

Gene: Karkharias_32 Start: 23545, Stop: 22778, Start Num: 32
Candidate Starts for Karkharias_32:
(Start: 6 @23692 has 1 MA's), (15, 23602), (Start: 32 @23545 has 55 MA's), (Start: 48 @23500 has 4 MA's), (76, 23374), (84, 23335), (93, 23305), (108, 23230), (124, 23128), (149, 22951), (152, 22939),

Gene: KayMoney_33 Start: 23689, Stop: 22922, Start Num: 32
Candidate Starts for KayMoney_33:
(Start: 6 @23836 has 1 MA's), (15, 23746), (Start: 32 @23689 has 55 MA's), (Start: 48 @23644 has 4 MA's), (76, 23518), (84, 23479), (93, 23449), (108, 23374), (124, 23272), (149, 23095), (152, 23083),

Gene: Kihatsu_35 Start: 25903, Stop: 25136, Start Num: 32
Candidate Starts for Kihatsu_35:
(Start: 6 @26050 has 1 MA's), (15, 25960), (Start: 32 @25903 has 55 MA's), (Start: 48 @25858 has 4 MA's), (76, 25732), (84, 25693), (93, 25663), (108, 25588), (124, 25486), (149, 25309), (152, 25297),

Gene: Kukla_30 Start: 24104, Stop: 23319, Start Num: 21
Candidate Starts for Kukla_30:
(16, 24122), (Start: 21 @24104 has 2 MA's), (50, 24008), (56, 23993), (80, 23879), (113, 23723), (117, 23708), (123, 23675), (126, 23666), (142, 23558), (143, 23555), (144, 23546), (155, 23474), (159, 23459),

Gene: Lasker_34 Start: 23859, Stop: 23092, Start Num: 32
Candidate Starts for Lasker_34:
(Start: 6 @24006 has 1 MA's), (15, 23916), (Start: 32 @23859 has 55 MA's), (Start: 48 @23814 has 4 MA's), (76, 23688), (84, 23649), (93, 23619), (108, 23544), (124, 23442), (149, 23265), (152, 23253),

Gene: Lawnathon_34 Start: 23714, Stop: 22947, Start Num: 32
Candidate Starts for Lawnathon_34:
(Start: 6 @23861 has 1 MA's), (15, 23771), (Start: 32 @23714 has 55 MA's), (Start: 48 @23669 has 4 MA's), (76, 23543), (84, 23504), (93, 23474), (108, 23399), (124, 23297), (149, 23120), (152, 23108),

Gene: Lenoxika_34 Start: 25382, Stop: 24786, Start Num: 76
Candidate Starts for Lenoxika_34:
(Start: 6 @25700 has 1 MA's), (15, 25610), (Start: 32 @25553 has 55 MA's), (Start: 48 @25508 has 4 MA's), (76, 25382), (84, 25343), (93, 25313), (108, 25238), (124, 25136), (149, 24959), (152, 24947),

Gene: LilyBell_32 Start: 23317, Stop: 22790, Start Num: 93
Candidate Starts for LilyBell_32:
(Start: 6 @23704 has 1 MA's), (15, 23614), (Start: 32 @23557 has 55 MA's), (Start: 48 @23512 has 4 MA's), (76, 23386), (84, 23347), (93, 23317), (108, 23242), (124, 23140), (149, 22963), (152, 22951),

Gene: MUWow_33 Start: 23878, Stop: 23111, Start Num: 32
Candidate Starts for MUWow_33:
(Start: 6 @24025 has 1 MA's), (15, 23935), (Start: 32 @23878 has 55 MA's), (Start: 48 @23833 has 4 MA's), (76, 23707), (84, 23668), (93, 23638), (108, 23563), (124, 23461), (149, 23284), (152, 23272),

Gene: Mapleville_33 Start: 23784, Stop: 23017, Start Num: 32
Candidate Starts for Mapleville_33:
(Start: 6 @23931 has 1 MA's), (15, 23841), (Start: 32 @23784 has 55 MA's), (Start: 48 @23739 has 4 MA's), (76, 23613), (84, 23574), (93, 23544), (108, 23469), (124, 23367), (149, 23190), (152, 23178),

Gene: MaterMagnus_34 Start: 23861, Stop: 23094, Start Num: 32
Candidate Starts for MaterMagnus_34:
(Start: 6 @24008 has 1 MA's), (15, 23918), (Start: 32 @23861 has 55 MA's), (Start: 48 @23816 has 4 MA's), (76, 23690), (84, 23651), (93, 23621), (108, 23546), (124, 23444), (149, 23267), (152, 23255),

Gene: Matteo_26 Start: 23698, Stop: 22928, Start Num: 32
Candidate Starts for Matteo_26:
(Start: 32 @23698 has 55 MA's), (38, 23680), (41, 23671), (54, 23635), (81, 23521), (85, 23491), (87, 23485), (88, 23479), (93, 23464), (99, 23437), (101, 23434), (104, 23419), (125, 23287), (133, 23242), (146, 23134), (168, 23035), (177, 22945),

Gene: MidnightRain_34 Start: 23850, Stop: 23083, Start Num: 32
Candidate Starts for MidnightRain_34:
(Start: 6 @23997 has 1 MA's), (15, 23907), (Start: 32 @23850 has 55 MA's), (Start: 48 @23805 has 4 MA's), (76, 23679), (84, 23640), (93, 23610), (108, 23535), (124, 23433), (149, 23256), (152, 23244),

Gene: MillySue_34 Start: 25466, Stop: 24699, Start Num: 32
Candidate Starts for MillySue_34:
(Start: 6 @25613 has 1 MA's), (15, 25523), (Start: 32 @25466 has 55 MA's), (Start: 48 @25421 has 4 MA's), (76, 25295), (84, 25256), (93, 25226), (108, 25151), (124, 25049), (149, 24872), (152, 24860),

Gene: Morkie_28 Start: 24558, Stop: 23779, Start Num: 20
Candidate Starts for Morkie_28:
(1, 24708), (2, 24696), (3, 24681), (5, 24672), (7, 24645), (8, 24618), (9, 24603), (12, 24585), (16, 24570), (Start: 20 @24558 has 1 MA's), (31, 24519), (38, 24501), (42, 24483), (53, 24450), (62, 24417), (77, 24330), (78, 24327), (141, 24009), (142, 24006), (145, 23970), (151, 23934), (165, 23883), (166, 23871), (169, 23853), (173, 23799),

Gene: Nandita_34 Start: 25557, Stop: 24790, Start Num: 32
Candidate Starts for Nandita_34:
(Start: 6 @25704 has 1 MA's), (15, 25614), (Start: 32 @25557 has 55 MA's), (Start: 48 @25512 has 4 MA's), (76, 25386), (84, 25347), (93, 25317), (108, 25242), (124, 25140), (149, 24963), (152, 24951),

Gene: Neroxid_27 Start: 20408, Stop: 19641, Start Num: 28
Candidate Starts for Neroxid_27:
(17, 20441), (28, 20408), (50, 20354), (52, 20348), (Start: 58 @20333 has 1 MA's), (62, 20318), (69, 20291), (73, 20258), (79, 20225), (102, 20135), (110, 20078), (117, 20027), (144, 19865), (148, 19817),

Gene: NewKitty_34 Start: 23949, Stop: 23197, Start Num: 27
Candidate Starts for NewKitty_34:
(Start: 27 @23949 has 1 MA's), (37, 23919), (56, 23862), (Start: 58 @23850 has 1 MA's), (64, 23826), (66, 23820), (72, 23787), (86, 23715), (103, 23652), (115, 23586), (119, 23571), (128, 23535), (130, 23514), (141, 23442), (167, 23292), (170, 23232),

Gene: NikkiHotWheels_33 Start: 23621, Stop: 22854, Start Num: 32
Candidate Starts for NikkiHotWheels_33:
(Start: 6 @23768 has 1 MA's), (15, 23678), (Start: 32 @23621 has 55 MA's), (Start: 48 @23576 has 4 MA's), (76, 23450), (84, 23411), (93, 23381), (108, 23306), (124, 23204), (149, 23027), (152, 23015),

Gene: PeggyLeg03_32 Start: 24157, Stop: 23390, Start Num: 32
Candidate Starts for PeggyLeg03_32:
(Start: 6 @24304 has 1 MA's), (15, 24214), (Start: 32 @24157 has 55 MA's), (Start: 48 @24112 has 4 MA's), (76, 23986), (84, 23947), (93, 23917), (108, 23842), (124, 23740), (149, 23563), (152, 23551),

Gene: Pepperoni_27 Start: 24574, Stop: 23750, Start Num: 18
Candidate Starts for Pepperoni_27:
(13, 24592), (Start: 18 @24574 has 1 MA's), (24, 24550), (33, 24526), (64, 24421), (74, 24367), (98, 24265), (112, 24190), (132, 24079), (149, 23950), (150, 23944), (157, 23923), (160, 23914),

Gene: PetriParty_32 Start: 25425, Stop: 24727, Start Num: 47
Candidate Starts for PetriParty_32:
(30, 25470), (40, 25440), (47, 25425), (55, 25401), (75, 25299), (114, 25116), (116, 25107), (125, 25065),

Gene: PhaoMing_27 Start: 25812, Stop: 25033, Start Num: 20
Candidate Starts for PhaoMing_27:
(1, 25962), (2, 25950), (3, 25935), (5, 25926), (7, 25899), (8, 25872), (9, 25857), (12, 25839), (16, 25824), (Start: 20 @25812 has 1 MA's), (31, 25773), (38, 25755), (42, 25737), (53, 25704), (62, 25671), (77, 25584), (78, 25581), (141, 25263), (142, 25260), (145, 25224), (151, 25188), (165, 25137), (166, 25125), (169, 25107), (173, 25053),

Gene: Popper_32 Start: 25470, Stop: 24703, Start Num: 32
Candidate Starts for Popper_32:
(Start: 6 @25617 has 1 MA's), (15, 25527), (Start: 32 @25470 has 55 MA's), (Start: 48 @25425 has 4 MA's), (76, 25299), (84, 25260), (93, 25230), (108, 25155), (124, 25053), (149, 24876), (152, 24864),

Gene: QuinnAvery_34 Start: 25647, Stop: 24880, Start Num: 32
Candidate Starts for QuinnAvery_34:
(Start: 6 @25794 has 1 MA's), (15, 25704), (Start: 32 @25647 has 55 MA's), (Start: 48 @25602 has 4 MA's), (76, 25476), (84, 25437), (93, 25407), (108, 25332), (124, 25230), (149, 25053), (152, 25041),

Gene: RadFad_34 Start: 23851, Stop: 23084, Start Num: 32
Candidate Starts for RadFad_34:

(Start: 6 @23998 has 1 MA's), (15, 23908), (Start: 32 @23851 has 55 MA's), (Start: 48 @23806 has 4 MA's), (76, 23680), (84, 23641), (93, 23611), (108, 23536), (124, 23434), (149, 23257), (152, 23245),

Gene: Raphaella_34 Start: 23740, Stop: 23018, Start Num: 48
Candidate Starts for Raphaella_34:
(Start: 6 @23932 has 1 MA's), (15, 23842), (Start: 32 @23785 has 55 MA's), (Start: 48 @23740 has 4 MA's), (76, 23614), (84, 23575), (93, 23545), (108, 23470), (124, 23368), (149, 23191), (152, 23179),

Gene: Raya_27 Start: 20408, Stop: 19641, Start Num: 28
Candidate Starts for Raya_27:
(17, 20441), (28, 20408), (50, 20354), (52, 20348), (Start: 58 @20333 has 1 MA's), (62, 20318), (69, 20291), (73, 20258), (79, 20225), (102, 20135), (110, 20078), (117, 20027), (144, 19865), (148, 19817),

Gene: Richie_34 Start: 23866, Stop: 23099, Start Num: 32
Candidate Starts for Richie_34:
(Start: 6 @24013 has 1 MA's), (15, 23923), (Start: 32 @23866 has 55 MA's), (Start: 48 @23821 has 4 MA's), (76, 23695), (84, 23656), (93, 23626), (108, 23551), (124, 23449), (149, 23272), (152, 23260),

Gene: Ryan_34 Start: 26168, Stop: 25401, Start Num: 32
Candidate Starts for Ryan_34:
(Start: 6 @26315 has 1 MA's), (15, 26225), (Start: 32 @26168 has 55 MA's), (Start: 48 @26123 has 4 MA's), (76, 25997), (84, 25958), (93, 25928), (108, 25853), (124, 25751), (149, 25574), (152, 25562),

Gene: Saintcarr_34 Start: 25730, Stop: 24963, Start Num: 32
Candidate Starts for Saintcarr_34:
(Start: 6 @25877 has 1 MA's), (15, 25787), (Start: 32 @25730 has 55 MA's), (Start: 48 @25685 has 4 MA's), (76, 25559), (84, 25520), (93, 25490), (108, 25415), (124, 25313), (149, 25136), (152, 25124),

Gene: Sakai_34 Start: 23794, Stop: 23027, Start Num: 32
Candidate Starts for Sakai_34:
(Start: 6 @23941 has 1 MA's), (15, 23851), (Start: 32 @23794 has 55 MA's), (Start: 48 @23749 has 4 MA's), (76, 23623), (84, 23584), (93, 23554), (108, 23479), (124, 23377), (149, 23200), (152, 23188),

Gene: Satrap_34 Start: 23960, Stop: 23193, Start Num: 32
Candidate Starts for Satrap_34:
(Start: 6 @24107 has 1 MA's), (15, 24017), (Start: 32 @23960 has 55 MA's), (Start: 48 @23915 has 4 MA's), (76, 23789), (84, 23750), (93, 23720), (108, 23645), (124, 23543), (149, 23366), (152, 23354),

Gene: Schism_34 Start: 25512, Stop: 24790, Start Num: 48
Candidate Starts for Schism_34:
(Start: 6 @25704 has 1 MA's), (15, 25614), (Start: 32 @25557 has 55 MA's), (Start: 48 @25512 has 4 MA's), (76, 25386), (84, 25347), (93, 25317), (108, 25242), (124, 25140), (149, 24963), (152, 24951),

Gene: Shukran_34 Start: 23960, Stop: 23193, Start Num: 32
Candidate Starts for Shukran_34:
(Start: 6 @24107 has 1 MA's), (15, 24017), (Start: 32 @23960 has 55 MA's), (Start: 48 @23915 has 4 MA's), (76, 23789), (84, 23750), (93, 23720), (108, 23645), (124, 23543), (149, 23366), (152, 23354),

Gene: Skyerus_27 Start: 20408, Stop: 19641, Start Num: 28
Candidate Starts for Skyerus_27:
(17, 20441), (28, 20408), (50, 20354), (52, 20348), (Start: 58 @20333 has 1 MA's), (62, 20318), (69, 20291), (73, 20258), (79, 20225), (102, 20135), (110, 20078), (117, 20027), (144, 19865), (148,

19817),

Gene: SonDevVon_33 Start: 23787, Stop: 23020, Start Num: 32
Candidate Starts for SonDevVon_33:
(Start: 6 @23934 has 1 MA's), (15, 23844), (Start: 32 @23787 has 55 MA's), (Start: 48 @23742 has 4 MA's), (76, 23616), (84, 23577), (93, 23547), (108, 23472), (124, 23370), (149, 23193), (152, 23181),

Gene: SpicyFrank_34 Start: 24086, Stop: 23319, Start Num: 32
Candidate Starts for SpicyFrank_34:
(Start: 6 @24233 has 1 MA's), (15, 24143), (Start: 32 @24086 has 55 MA's), (Start: 48 @24041 has 4 MA's), (76, 23915), (84, 23876), (93, 23846), (108, 23771), (124, 23669), (149, 23492), (152, 23480),

Gene: Sporco_34 Start: 23842, Stop: 23075, Start Num: 32
Candidate Starts for Sporco_34:
(Start: 6 @23989 has 1 MA's), (15, 23899), (Start: 32 @23842 has 55 MA's), (Start: 48 @23797 has 4 MA's), (76, 23671), (84, 23632), (93, 23602), (108, 23527), (124, 23425), (149, 23248), (152, 23236),

Gene: Squiddly_36 Start: 28950, Stop: 28048, Start Num: 4
Candidate Starts for Squiddly_36:
(2, 28971), (Start: 4 @28950 has 1 MA's), (5, 28947), (16, 28839), (Start: 20 @28824 has 1 MA's), (31, 28785), (38, 28767), (42, 28749), (52, 28719), (77, 28599), (78, 28596), (141, 28278), (156, 28185), (165, 28152), (166, 28140),

Gene: ThayneTheZag_34 Start: 24005, Stop: 23238, Start Num: 32
Candidate Starts for ThayneTheZag_34:
(Start: 6 @24152 has 1 MA's), (15, 24062), (Start: 32 @24005 has 55 MA's), (Start: 48 @23960 has 4 MA's), (76, 23834), (84, 23795), (93, 23765), (108, 23690), (124, 23588), (149, 23411), (152, 23399),

Gene: ToastyOats_36 Start: 26188, Stop: 25421, Start Num: 32
Candidate Starts for ToastyOats_36:
(Start: 6 @26335 has 1 MA's), (15, 26245), (Start: 32 @26188 has 55 MA's), (Start: 48 @26143 has 4 MA's), (76, 26017), (84, 25978), (93, 25948), (108, 25873), (124, 25771), (149, 25594), (152, 25582),

Gene: Toodles_34 Start: 26018, Stop: 25251, Start Num: 32
Candidate Starts for Toodles_34:
(Start: 6 @26165 has 1 MA's), (15, 26075), (Start: 32 @26018 has 55 MA's), (Start: 48 @25973 has 4 MA's), (76, 25847), (84, 25808), (93, 25778), (108, 25703), (124, 25601), (149, 25424), (152, 25412),

Gene: TripleJ_32 Start: 25103, Stop: 24351, Start Num: 27
Candidate Starts for TripleJ_32:
(Start: 27 @25103 has 1 MA's), (56, 25016), (Start: 58 @25004 has 1 MA's), (68, 24965), (78, 24905), (86, 24869), (103, 24806), (105, 24803), (115, 24740), (119, 24725), (123, 24707), (128, 24689), (130, 24668), (141, 24596), (142, 24593), (149, 24530), (167, 24446),

Gene: Vopal_36 Start: 25596, Stop: 24844, Start Num: 44
Candidate Starts for Vopal_36:
(44, 25596), (62, 25548), (63, 25542), (71, 25506), (90, 25422), (91, 25419), (94, 25410), (141, 25110), (159, 25014), (170, 24912), (175, 24885), (178, 24852),

Gene: Yonex_34 Start: 26168, Stop: 25401, Start Num: 32
Candidate Starts for Yonex_34:
(Start: 6 @26315 has 1 MA's), (15, 26225), (Start: 32 @26168 has 55 MA's), (Start: 48 @26123 has 4 MA's), (76, 25997), (84, 25958), (93, 25928), (108, 25853), (124, 25751), (149, 25574), (152, 25562),

Gene: YoungHarleezy_34 Start: 23864, Stop: 23097, Start Num: 32
Candidate Starts for YoungHarleezy_34:
(Start: 6 @24011 has 1 MA's), (15, 23921), (Start: 32 @23864 has 55 MA's), (Start: 48 @23819 has 4 MA's), (76, 23693), (84, 23654), (93, 23624), (108, 23549), (124, 23447), (149, 23270), (152, 23258),

Gene: Zaheer_34 Start: 26257, Stop: 25490, Start Num: 32
Candidate Starts for Zaheer_34:
(Start: 6 @26404 has 1 MA's), (15, 26314), (Start: 32 @26257 has 55 MA's), (Start: 48 @26212 has 4 MA's), (76, 26086), (84, 26047), (93, 26017), (108, 25942), (124, 25840), (149, 25663), (152, 25651),