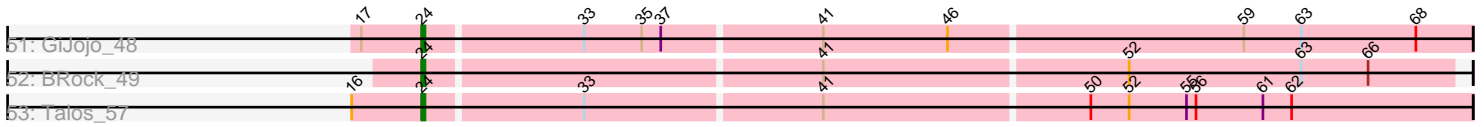


Pham 308249



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 308249 Report

This analysis was run 06/27/26 on database version 652.

Pham number 308249 has 126 members, 13 are drafts.

Phages represented in each track:

- Track 1 : Jay2Jay_247, Warpy_244, Targaryen_240
- Track 2 : Persimmon_242
- Track 3 : NootNoot_236, Navo_233
- Track 4 : Scheme_244, Watermoore_239, Cursive_244, Peebs_237, Pepperwood_241, HangryHippo_239, Lululemon_238, Tribute_237, Leo04_242, PacManQ_238, Samisti12_243, Cross_240, WashU_244, Larnav_241, Coogler_238, Teutsch_240, BlueOtter_239, Sushi23_242, ArianaSWT_252
- Track 5 : Liandry_239, Eliot67_241, PinkiePie_240, Squillium_242, FreddyDRoo_243
- Track 6 : Marsus_248
- Track 7 : Cadmus_238
- Track 8 : MulchMansion_248, LilMartin_244
- Track 9 : Anedea_254, LilSaint_244, Riptide_243
- Track 10 : Angela_248
- Track 11 : Mildred21_253
- Track 12 : EGole_247
- Track 13 : Braelyn_235, WhereRU_240, Davielle_240, Bartholomune_240
- Track 14 : Paradiddles_231
- Track 15 : Bmoc_247
- Track 16 : PynkPanther_251
- Track 17 : Evy_230
- Track 18 : Daubenski_233
- Track 19 : Shuckle_240
- Track 20 : IchabodCrane_246, PumpkinSpice_255, Starbow_249, Battuta_250, MindFlayer_245, SaltySpittoon_252, Bordeaux_250, Brizzy_251, Amabiko_256, Spelly_257, Birchlyn_251
- Track 21 : LukeCage_255
- Track 22 : BoomerJR_248, Sollertia_249, Stanimal_248, Yaboi_253, AngryGiraffe_248, Genie2_248
- Track 23 : Daisy123_261, Rikishi_254, CeilingFan_257, Gibbi_261, Spilled_260, Enygma_259, AcciDwight_261, JimJam_260, Wipeout_243, TomSawyer_257, KentuckyRacer_259
- Track 24 : Elmer_260
- Track 25 : Jollison_249
- Track 26 : Quarant19_253
- Track 27 : Wofford_251
- Track 28 : Karimac_253

- Track 29 : Tomas_249
- Track 30 : StarPlatinum_260
- Track 31 : SeresaTree_197, Faust_193
- Track 32 : Moab_199, Patelgo_201
- Track 33 : Gilson_201, Maupel_202
- Track 34 : Blueeyedbeauty_193
- Track 35 : Forrest_204, Jada_202, MeganTheeKilla_201, Emma1919_202, DeluluLabubu_203
- Track 36 : TunaTartare_199
- Track 37 : Phredrick_203
- Track 38 : Francob_199
- Track 39 : Stigma_196, Comrade_195, SparkleGoddess_198, Karp_193, Westy_200, Belfort_198
- Track 40 : Kenrey_204
- Track 41 : Beuffert_192
- Track 42 : Limpid_193, Annadreamy_186
- Track 43 : Sham_191
- Track 44 : BillNye_159
- Track 45 : Chaewon_164
- Track 46 : Wakanda_167, Muntaha_169
- Track 47 : Circinus_160
- Track 48 : Alone3_56, Beleetus_55, Fudan_54, LuckySocke_56
- Track 49 : Park1214_61
- Track 50 : Garnacho_51
- Track 51 : GiJojo_48
- Track 52 : BRock_49
- Track 53 : Talos_57

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

The start number called the most often in the published annotations is 25, it was called in 35 of the 113 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- ArianaSWT_252, Bartholomune_240, BlueOtter_239, Braelyn_235, Cadmus_238, Coogler_238, Cross_240, Cursive_244, Daubenski_233, Davielle_240, EGole_247, Eliot67_241, FreddyDRoo_243, HangryHippo_239, Jay2Jay_247, Larnav_241, Leo04_242, Liandry_239, Lululemon_238, Navo_233, NootNoot_236, PacManQ_238, Paradiddles_231, Peebs_237, Pepperwood_241, Persimmon_242, PinkiePie_240, PynkPanther_251, Samisti12_243, Scheme_244, Shuckle_240, Squillium_242, Sushi23_242, Targaryen_240, Teutsch_240, Tribute_237, Warpy_244, WashU_244, Watermoore_239, WhereRU_240,

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

- Evy_230,

Genes that do not have the "Most Annotated" start:

- AcciDwight_261, Alone3_56, Amabiko_256, Anedea_254, Angela_248, AngryGiraffe_248, Annadreamy_186, BRock_49, Battuta_250, Beleetus_55, Belfort_198, Beuffert_192, BillNye_159, Birchlyn_251, Blueeyedbeauty_193,

Bmoc_247, BoomerJR_248, Bordeaux_250, Brizzy_251, CeilingFan_257, Chaewon_164, Circinus_160, Comrade_195, Daisy123_261, DeluluLabubu_203, Elmer_260, Emma1919_202, Enygma_259, Faust_193, Forrest_204, Francob_199, Fudan_54, Garnacho_51, Genie2_248, GiJojo_48, Gibbi_261, Gilson_201, IchabodCrane_246, Jada_202, JimJam_260, Jollison_249, Karimac_253, Karp_193, Kenrey_204, KentuckyRacer_259, LilMartin_244, LilSaint_244, Limpid_193, LuckySocke_56, LukeCage_255, Marsus_248, Maupel_202, MeganTheeKilla_201, Mildred21_253, MindFlayer_245, Moab_199, MulchMansion_248, Muntaha_169, Park1214_61, Patelgo_201, Phredrick_203, PumpkinSpice_255, Quarant19_253, Rikishi_254, Riptide_243, SaltySpittoon_252, SeresaTree_197, Sham_191, Sollertia_249, SparkleGoddess_198, Spelly_257, Spilled_260, Stanimal_248, StarPlatinum_260, Starbow_249, Stigma_196, Talos_57, TomSawyer_257, Tomas_249, TunaTartare_199, Wakanda_167, Westy_200, Wipeout_243, Wofford_251, Yaboi_253,

Summary by start number:

Start 13:

- Found in 6 of 126 (4.8%) of genes in pham
- Manual Annotations of this start: 5 of 113
- Called 83.3% of time when present
- Phage (with cluster) where this start called: Anedea_254 (BE1), Bmoc_247 (BE1), LilSaint_244 (BE1), Riptide_243 (BE1), Tomas_249 (BE2),

Start 19:

- Found in 2 of 126 (1.6%) of genes in pham
- Manual Annotations of this start: 1 of 113
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Kenrey_204 (BK1),

Start 20:

- Found in 5 of 126 (4.0%) of genes in pham
- Manual Annotations of this start: 4 of 113
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BillNye_159 (BK2), Chaewon_164 (BK2), Circinus_160 (BK2), Muntaha_169 (BK2), Wakanda_167 (BK2),

Start 21:

- Found in 43 of 126 (34.1%) of genes in pham
- Manual Annotations of this start: 3 of 113
- Called 7.0% of time when present
- Phage (with cluster) where this start called: Angela_248 (BE1), Evy_230 (BE1), Marsus_248 (BE1),

Start 22:

- Found in 26 of 126 (20.6%) of genes in pham
- Manual Annotations of this start: 23 of 113
- Called 96.2% of time when present
- Phage (with cluster) where this start called: Annadreamy_186 (BK1), Belfort_198 (BK1), Beuffert_192 (BK1), Blueeyedbeauty_193 (BK1), Comrade_195 (BK1), DeluluLabubu_203 (BK1), Emma1919_202 (BK1), Faust_193 (BK1), Forrest_204 (BK1), Francob_199 (BK1), Gilson_201 (BK1), Jada_202 (BK1), Karp_193 (BK1), Limpid_193 (BK1), Maupel_202 (BK1), MeganTheeKilla_201 (BK1), Moab_199

(BK1), Patelgo_201 (BK1), Phredrick_203 (BK1), SeresaTree_197 (BK1), Sham_191 (BK1), SparkleGoddess_198 (BK1), Stigma_196 (BK1), TunaTartare_199 (BK1), Westy_200 (BK1),

Start 23:

- Found in 13 of 126 (10.3%) of genes in pham
- Manual Annotations of this start: 9 of 113
- Called 92.3% of time when present
- Phage (with cluster) where this start called: AcciDwight_261 (BE2), CeilingFan_257 (BE2), Daisy123_261 (BE2), Enyigma_259 (BE2), Gibbi_261 (BE2), JimJam_260 (BE2), KentuckyRacer_259 (BE2), Quarant19_253 (BE2), Rikishi_254 (BE2), Spilled_260 (BE2), TomSawyer_257 (BE2), Wipeout_243 (BE2),

Start 24:

- Found in 9 of 126 (7.1%) of genes in pham
- Manual Annotations of this start: 7 of 113
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alone3_56 (BS), BRock_49 (BS), Beleetus_55 (BS), Fudan_54 (BS), Garnacho_51 (BS), GiJojo_48 (BS), LuckySocke_56 (BS), Park1214_61 (BS), Talos_57 (BS),

Start 25:

- Found in 41 of 126 (32.5%) of genes in pham
- Manual Annotations of this start: 35 of 113
- Called 97.6% of time when present
- Phage (with cluster) where this start called: ArianaSWT_252 (BE1), Bartholomune_240 (BE1), BlueOtter_239 (BE1), Braelyn_235 (BE1), Cadmus_238 (BE1), Coogler_238 (BE1), Cross_240 (BE1), Cursive_244 (BE1), Daubenski_233 (BE1), Davielle_240 (BE1), EGole_247 (BE1), Eliot67_241 (BE1), FreddyDRoo_243 (BE1), HangryHippo_239 (BE1), Jay2Jay_247 (BE1), Larnav_241 (BE1), Leo04_242 (BE1), Liandry_239 (BE1), Lululemon_238 (BE1), Navo_233 (BE1), NootNoot_236 (BE1), PacManQ_238 (BE1), Paradiddles_231 (BE1), Peebs_237 (BE1), Pepperwood_241 (BE1), Persimmon_242 (BE1), PinkiePie_240 (BE1), PynkPanther_251 (BE1), Samisti12_243 (BE1), Scheme_244 (BE1), Shuckle_240 (BE1), Squillium_242 (BE1), Sushi23_242 (BE1), Targaryen_240 (BE1), Teutsch_240 (BE1), Tribute_237 (BE1), Warpy_244 (BE1), WashU_244 (BE1), Watermoore_239 (BE1), WhereRU_240 (BE1),

Start 26:

- Found in 8 of 126 (6.3%) of genes in pham
- Manual Annotations of this start: 8 of 113
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AngryGiraffe_248 (BE2), BoomerJR_248 (BE2), Elmer_260 (BE2), Genie2_248 (BE2), Sollertia_249 (BE2), Stanimal_248 (BE2), Wofford_251 (BE2), Yaboi_253 (BE2),

Start 27:

- Found in 12 of 126 (9.5%) of genes in pham
- Manual Annotations of this start: 12 of 113
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Amabiko_256 (BE2), Battuta_250 (BE2), Birchlyn_251 (BE2), Bordeaux_250 (BE2), Brizzy_251 (BE2), IchabodCrane_246 (BE2), Jollison_249 (BE2), MindFlayer_245 (BE2), PumpkinSpice_255 (BE2),

SaltySpitoon_252 (BE2), Spelly_257 (BE2), Starbow_249 (BE2),

Start 28:

- Found in 2 of 126 (1.6%) of genes in pham
- Manual Annotations of this start: 2 of 113
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LukeCage_255 (BE2), StarPlatinum_260 (BE2),

Start 30:

- Found in 11 of 126 (8.7%) of genes in pham
- Manual Annotations of this start: 3 of 113
- Called 27.3% of time when present
- Phage (with cluster) where this start called: LilMartin_244 (BE1), Mildred21_253 (BE1), MulchMansion_248 (BE1),

Start 32:

- Found in 13 of 126 (10.3%) of genes in pham
- Manual Annotations of this start: 1 of 113
- Called 7.7% of time when present
- Phage (with cluster) where this start called: Karimac_253 (BE2),

Summary by clusters:

There are 5 clusters represented in this pham: BE2, BE1, BK1, BK2, BS,

Info for manual annotations of cluster BE1:

- Start number 13 was manually annotated 4 times for cluster BE1.
- Start number 21 was manually annotated 3 times for cluster BE1.
- Start number 25 was manually annotated 35 times for cluster BE1.
- Start number 30 was manually annotated 3 times for cluster BE1.

Info for manual annotations of cluster BE2:

- Start number 13 was manually annotated 1 time for cluster BE2.
- Start number 23 was manually annotated 9 times for cluster BE2.
- Start number 26 was manually annotated 8 times for cluster BE2.
- Start number 27 was manually annotated 12 times for cluster BE2.
- Start number 28 was manually annotated 2 times for cluster BE2.
- Start number 32 was manually annotated 1 time for cluster BE2.

Info for manual annotations of cluster BK1:

- Start number 19 was manually annotated 1 time for cluster BK1.
- Start number 22 was manually annotated 23 times for cluster BK1.

Info for manual annotations of cluster BK2:

- Start number 20 was manually annotated 4 times for cluster BK2.

Info for manual annotations of cluster BS:

- Start number 24 was manually annotated 7 times for cluster BS.

Gene Information:

Gene: AcciDwight_261 Start: 116358, Stop: 116672, Start Num: 23

Candidate Starts for AcciDwight_261:

(Start: 23 @116358 has 9 MA's), (Start: 32 @116400 has 1 MA's), (42, 116490), (52, 116571), (56, 116592),

Gene: Alone3_56 Start: 18835, Stop: 19155, Start Num: 24

Candidate Starts for Alone3_56:

(Start: 24 @18835 has 7 MA's), (33, 18883), (40, 18946), (41, 18955), (46, 18994), (50, 19036), (51, 19045), (52, 19048), (54, 19063), (55, 19066),

Gene: Amabiko_256 Start: 115731, Stop: 116030, Start Num: 27

Candidate Starts for Amabiko_256:

(Start: 27 @115731 has 12 MA's), (29, 115743), (31, 115758), (48, 115884), (50, 115917), (52, 115929), (53, 115935),

Gene: Anedea_254 Start: 119477, Stop: 119821, Start Num: 13

Candidate Starts for Anedea_254:

(Start: 13 @119477 has 5 MA's), (43, 119651), (51, 119720), (67, 119798),

Gene: Angela_248 Start: 118852, Stop: 119169, Start Num: 21

Candidate Starts for Angela_248:

(Start: 21 @118852 has 3 MA's), (Start: 30 @118888 has 3 MA's), (36, 118924), (45, 119014), (48, 119023), (49, 119029), (52, 119068), (53, 119074), (62, 119119),

Gene: AngryGiraffe_248 Start: 115027, Stop: 115323, Start Num: 26

Candidate Starts for AngryGiraffe_248:

(Start: 26 @115027 has 8 MA's), (37, 115081), (52, 115222), (53, 115228), (61, 115264), (62, 115273),

Gene: Annadreamy_186 Start: 95504, Stop: 95815, Start Num: 22

Candidate Starts for Annadreamy_186:

(Start: 22 @95504 has 23 MA's), (Start: 30 @95531 has 3 MA's), (49, 95678), (53, 95723), (54, 95732),

Gene: ArianaSWT_252 Start: 119440, Stop: 119748, Start Num: 25

Candidate Starts for ArianaSWT_252:

(Start: 21 @119431 has 3 MA's), (Start: 25 @119440 has 35 MA's), (47, 119596), (52, 119647), (58, 119674), (67, 119722),

Gene: BRock_49 Start: 16418, Stop: 16732, Start Num: 24

Candidate Starts for BRock_49:

(Start: 24 @16418 has 7 MA's), (41, 16538), (52, 16631), (63, 16685), (66, 16706),

Gene: Bartholomune_240 Start: 117518, Stop: 117826, Start Num: 25

Candidate Starts for Bartholomune_240:

(Start: 21 @117509 has 3 MA's), (Start: 25 @117518 has 35 MA's), (47, 117674), (48, 117680), (52, 117725), (58, 117752),

Gene: Battuta_250 Start: 115046, Stop: 115345, Start Num: 27

Candidate Starts for Battuta_250:

(Start: 27 @115046 has 12 MA's), (29, 115058), (31, 115073), (48, 115199), (50, 115232), (52, 115244), (53, 115250),

Gene: Beleetus_55 Start: 18515, Stop: 18835, Start Num: 24

Candidate Starts for Beleetus_55:

(Start: 24 @18515 has 7 MA's), (33, 18563), (40, 18626), (41, 18635), (46, 18674), (50, 18716), (51, 18725), (52, 18728), (54, 18743), (55, 18746),

Gene: Belfort_198 Start: 101307, Stop: 101618, Start Num: 22

Candidate Starts for Belfort_198:

(Start: 22 @101307 has 23 MA's), (33, 101355), (38, 101385), (57, 101547),

Gene: Beuffert_192 Start: 99974, Stop: 100285, Start Num: 22

Candidate Starts for Beuffert_192:

(Start: 22 @99974 has 23 MA's), (Start: 30 @100001 has 3 MA's), (39, 100073), (53, 100193),

Gene: BillNye_159 Start: 90788, Stop: 91111, Start Num: 20

Candidate Starts for BillNye_159:

(1, 90695), (7, 90731), (12, 90758), (17, 90776), (Start: 20 @90788 has 4 MA's), (31, 90830), (47, 90959), (52, 91013), (54, 91028),

Gene: Birchlyn_251 Start: 112979, Stop: 113278, Start Num: 27

Candidate Starts for Birchlyn_251:

(Start: 27 @112979 has 12 MA's), (29, 112991), (31, 113006), (48, 113132), (50, 113165), (52, 113177), (53, 113183),

Gene: BlueOtter_239 Start: 117693, Stop: 118001, Start Num: 25

Candidate Starts for BlueOtter_239:

(Start: 21 @117684 has 3 MA's), (Start: 25 @117693 has 35 MA's), (47, 117849), (52, 117900), (58, 117927), (67, 117975),

Gene: Blueeyedbeauty_193 Start: 98950, Stop: 99261, Start Num: 22

Candidate Starts for Blueeyedbeauty_193:

(9, 98905), (10, 98911), (11, 98914), (Start: 13 @98920 has 5 MA's), (15, 98926), (Start: 22 @98950 has 23 MA's), (Start: 30 @98977 has 3 MA's), (53, 99169),

Gene: Bmoc_247 Start: 118254, Stop: 118598, Start Num: 13

Candidate Starts for Bmoc_247:

(Start: 13 @118254 has 5 MA's), (43, 118428), (61, 118542), (67, 118575),

Gene: BoomerJR_248 Start: 115460, Stop: 115756, Start Num: 26

Candidate Starts for BoomerJR_248:

(Start: 26 @115460 has 8 MA's), (37, 115514), (52, 115655), (53, 115661), (61, 115697), (62, 115706),

Gene: Bordeaux_250 Start: 115629, Stop: 115928, Start Num: 27

Candidate Starts for Bordeaux_250:

(Start: 27 @115629 has 12 MA's), (29, 115641), (31, 115656), (48, 115782), (50, 115815), (52, 115827), (53, 115833),

Gene: Braelyn_235 Start: 116852, Stop: 117160, Start Num: 25

Candidate Starts for Braelyn_235:

(Start: 21 @116843 has 3 MA's), (Start: 25 @116852 has 35 MA's), (47, 117008), (48, 117014), (52, 117059), (58, 117086),

Gene: Brizzy_251 Start: 116157, Stop: 116456, Start Num: 27

Candidate Starts for Brizzy_251:

(Start: 27 @116157 has 12 MA's), (29, 116169), (31, 116184), (48, 116310), (50, 116343), (52, 116355), (53, 116361),

Gene: Cadmus_238 Start: 118757, Stop: 119065, Start Num: 25
Candidate Starts for Cadmus_238:
(Start: 25 @118757 has 35 MA's), (Start: 30 @118784 has 3 MA's), (40, 118865), (45, 118910), (49, 118925), (50, 118952), (52, 118964),

Gene: CeilingFan_257 Start: 116869, Stop: 117183, Start Num: 23
Candidate Starts for CeilingFan_257:
(Start: 23 @116869 has 9 MA's), (Start: 32 @116911 has 1 MA's), (42, 117001), (52, 117082), (56, 117103),

Gene: Chaewon_164 Start: 90869, Stop: 91192, Start Num: 20
Candidate Starts for Chaewon_164:
(12, 90839), (17, 90857), (Start: 20 @90869 has 4 MA's), (31, 90911), (35, 90941), (52, 91094), (54, 91109),

Gene: Circinus_160 Start: 90754, Stop: 91077, Start Num: 20
Candidate Starts for Circinus_160:
(1, 90661), (7, 90697), (12, 90724), (17, 90742), (Start: 20 @90754 has 4 MA's), (31, 90796), (35, 90826), (47, 90925), (52, 90979), (54, 90994),

Gene: Comrade_195 Start: 101508, Stop: 101819, Start Num: 22
Candidate Starts for Comrade_195:
(Start: 22 @101508 has 23 MA's), (33, 101556), (38, 101586), (57, 101748),

Gene: Coogler_238 Start: 118118, Stop: 118426, Start Num: 25
Candidate Starts for Coogler_238:
(Start: 21 @118109 has 3 MA's), (Start: 25 @118118 has 35 MA's), (47, 118274), (52, 118325), (58, 118352), (67, 118400),

Gene: Cross_240 Start: 118338, Stop: 118646, Start Num: 25
Candidate Starts for Cross_240:
(Start: 21 @118329 has 3 MA's), (Start: 25 @118338 has 35 MA's), (47, 118494), (52, 118545), (58, 118572), (67, 118620),

Gene: Cursive_244 Start: 118445, Stop: 118753, Start Num: 25
Candidate Starts for Cursive_244:
(Start: 21 @118436 has 3 MA's), (Start: 25 @118445 has 35 MA's), (47, 118601), (52, 118652), (58, 118679), (67, 118727),

Gene: Daisy123_261 Start: 116731, Stop: 117045, Start Num: 23
Candidate Starts for Daisy123_261:
(Start: 23 @116731 has 9 MA's), (Start: 32 @116773 has 1 MA's), (42, 116863), (52, 116944), (56, 116965),

Gene: Daubenski_233 Start: 118658, Stop: 118966, Start Num: 25
Candidate Starts for Daubenski_233:
(Start: 25 @118658 has 35 MA's), (Start: 30 @118685 has 3 MA's), (40, 118766), (45, 118811), (49, 118826), (50, 118853), (52, 118865),

Gene: Davielle_240 Start: 117602, Stop: 117910, Start Num: 25
Candidate Starts for Davielle_240:

(Start: 21 @117593 has 3 MA's), (Start: 25 @117602 has 35 MA's), (47, 117758), (48, 117764), (52, 117809), (58, 117836),

Gene: DeluluLabubu_203 Start: 101638, Stop: 101949, Start Num: 22

Candidate Starts for DeluluLabubu_203:

(2, 101545), (3, 101548), (12, 101605), (14, 101611), (Start: 22 @101638 has 23 MA's), (33, 101686), (38, 101716), (57, 101878), (65, 101923),

Gene: EGole_247 Start: 120919, Stop: 121227, Start Num: 25

Candidate Starts for EGole_247:

(Start: 21 @120910 has 3 MA's), (Start: 25 @120919 has 35 MA's), (39, 121012), (47, 121075), (52, 121126), (53, 121132), (58, 121153), (67, 121201),

Gene: Eliot67_241 Start: 117202, Stop: 117510, Start Num: 25

Candidate Starts for Eliot67_241:

(Start: 21 @117193 has 3 MA's), (Start: 25 @117202 has 35 MA's), (47, 117358), (48, 117364), (52, 117409), (58, 117436),

Gene: Elmer_260 Start: 119190, Stop: 119486, Start Num: 26

Candidate Starts for Elmer_260:

(Start: 26 @119190 has 8 MA's), (47, 119334), (52, 119385), (53, 119391), (61, 119427), (62, 119436),

Gene: Emma1919_202 Start: 100164, Stop: 100475, Start Num: 22

Candidate Starts for Emma1919_202:

(2, 100071), (3, 100074), (12, 100131), (14, 100137), (Start: 22 @100164 has 23 MA's), (33, 100212), (38, 100242), (57, 100404), (65, 100449),

Gene: Enygma_259 Start: 118669, Stop: 118983, Start Num: 23

Candidate Starts for Enygma_259:

(Start: 23 @118669 has 9 MA's), (Start: 32 @118711 has 1 MA's), (42, 118801), (52, 118882), (56, 118903),

Gene: Evy_230 Start: 118363, Stop: 118680, Start Num: 21

Candidate Starts for Evy_230:

(Start: 21 @118363 has 3 MA's), (Start: 25 @118372 has 35 MA's), (39, 118465), (47, 118528), (48, 118534), (52, 118579), (58, 118606),

Gene: Faust_193 Start: 100932, Stop: 101246, Start Num: 22

Candidate Starts for Faust_193:

(Start: 22 @100932 has 23 MA's), (33, 100980), (35, 100998), (38, 101010), (53, 101154),

Gene: Forrest_204 Start: 102065, Stop: 102376, Start Num: 22

Candidate Starts for Forrest_204:

(2, 101972), (3, 101975), (12, 102032), (14, 102038), (Start: 22 @102065 has 23 MA's), (33, 102113), (38, 102143), (57, 102305), (65, 102350),

Gene: Francob_199 Start: 100239, Stop: 100550, Start Num: 22

Candidate Starts for Francob_199:

(2, 100146), (3, 100149), (12, 100206), (14, 100212), (Start: 22 @100239 has 23 MA's), (33, 100287), (35, 100305), (39, 100338), (57, 100479),

Gene: FreddyDRoo_243 Start: 117202, Stop: 117510, Start Num: 25

Candidate Starts for FreddyDRoo_243:

(Start: 21 @117193 has 3 MA's), (Start: 25 @117202 has 35 MA's), (47, 117358), (48, 117364), (52, 117409), (58, 117436),

Gene: Fudan_54 Start: 18709, Stop: 19029, Start Num: 24

Candidate Starts for Fudan_54:

(Start: 24 @18709 has 7 MA's), (33, 18757), (40, 18820), (41, 18829), (46, 18868), (50, 18910), (51, 18919), (52, 18922), (54, 18937), (55, 18940),

Gene: Garnacho_51 Start: 18190, Stop: 18510, Start Num: 24

Candidate Starts for Garnacho_51:

(Start: 24 @18190 has 7 MA's), (33, 18238), (34, 18250), (41, 18310), (44, 18343), (46, 18349), (51, 18400), (54, 18418), (60, 18442), (63, 18457),

Gene: Genie2_248 Start: 115585, Stop: 115881, Start Num: 26

Candidate Starts for Genie2_248:

(Start: 26 @115585 has 8 MA's), (37, 115639), (52, 115780), (53, 115786), (61, 115822), (62, 115831),

Gene: GiJojo_48 Start: 18169, Stop: 18489, Start Num: 24

Candidate Starts for GiJojo_48:

(17, 18151), (Start: 24 @18169 has 7 MA's), (33, 18217), (35, 18235), (37, 18241), (41, 18289), (46, 18328), (59, 18418), (63, 18436), (68, 18472),

Gene: Gibbi_261 Start: 116362, Stop: 116676, Start Num: 23

Candidate Starts for Gibbi_261:

(Start: 23 @116362 has 9 MA's), (Start: 32 @116404 has 1 MA's), (42, 116494), (52, 116575), (56, 116596),

Gene: Gilson_201 Start: 100126, Stop: 100437, Start Num: 22

Candidate Starts for Gilson_201:

(3, 100036), (12, 100093), (14, 100099), (Start: 22 @100126 has 23 MA's), (33, 100174), (38, 100204), (55, 100360), (57, 100366), (65, 100411),

Gene: HangryHippo_239 Start: 117693, Stop: 118001, Start Num: 25

Candidate Starts for HangryHippo_239:

(Start: 21 @117684 has 3 MA's), (Start: 25 @117693 has 35 MA's), (47, 117849), (52, 117900), (58, 117927), (67, 117975),

Gene: IchabodCrane_246 Start: 115432, Stop: 115731, Start Num: 27

Candidate Starts for IchabodCrane_246:

(Start: 27 @115432 has 12 MA's), (29, 115444), (31, 115459), (48, 115585), (50, 115618), (52, 115630), (53, 115636),

Gene: Jada_202 Start: 100937, Stop: 101248, Start Num: 22

Candidate Starts for Jada_202:

(2, 100844), (3, 100847), (12, 100904), (14, 100910), (Start: 22 @100937 has 23 MA's), (33, 100985), (38, 101015), (57, 101177), (65, 101222),

Gene: Jay2Jay_247 Start: 118736, Stop: 119044, Start Num: 25

Candidate Starts for Jay2Jay_247:

(Start: 21 @118727 has 3 MA's), (Start: 25 @118736 has 35 MA's), (39, 118829), (47, 118892), (52, 118943), (58, 118970),

Gene: JimJam_260 Start: 117798, Stop: 118112, Start Num: 23

Candidate Starts for JimJam_260:

(Start: 23 @117798 has 9 MA's), (Start: 32 @117840 has 1 MA's), (42, 117930), (52, 118011), (56, 118032),

Gene: Jollison_249 Start: 115563, Stop: 115862, Start Num: 27

Candidate Starts for Jollison_249:

(Start: 27 @115563 has 12 MA's), (29, 115575), (31, 115590), (50, 115749), (52, 115761), (53, 115767),

Gene: Karimac_253 Start: 116235, Stop: 116507, Start Num: 32

Candidate Starts for Karimac_253:

(Start: 23 @116193 has 9 MA's), (Start: 32 @116235 has 1 MA's), (42, 116325), (52, 116406), (56, 116427),

Gene: Karp_193 Start: 101158, Stop: 101469, Start Num: 22

Candidate Starts for Karp_193:

(Start: 22 @101158 has 23 MA's), (33, 101206), (38, 101236), (57, 101398),

Gene: Kenrey_204 Start: 101176, Stop: 101493, Start Num: 19

Candidate Starts for Kenrey_204:

(Start: 19 @101176 has 1 MA's), (Start: 22 @101182 has 23 MA's), (33, 101230), (38, 101260), (48, 101350), (57, 101422),

Gene: KentuckyRacer_259 Start: 117713, Stop: 118027, Start Num: 23

Candidate Starts for KentuckyRacer_259:

(Start: 23 @117713 has 9 MA's), (Start: 32 @117755 has 1 MA's), (42, 117845), (52, 117926), (56, 117947),

Gene: Larnav_241 Start: 118611, Stop: 118919, Start Num: 25

Candidate Starts for Larnav_241:

(Start: 21 @118602 has 3 MA's), (Start: 25 @118611 has 35 MA's), (47, 118767), (52, 118818), (58, 118845), (67, 118893),

Gene: Leo04_242 Start: 118724, Stop: 119032, Start Num: 25

Candidate Starts for Leo04_242:

(Start: 21 @118715 has 3 MA's), (Start: 25 @118724 has 35 MA's), (47, 118880), (52, 118931), (58, 118958), (67, 119006),

Gene: Liandry_239 Start: 117909, Stop: 118217, Start Num: 25

Candidate Starts for Liandry_239:

(Start: 21 @117900 has 3 MA's), (Start: 25 @117909 has 35 MA's), (47, 118065), (48, 118071), (52, 118116), (58, 118143),

Gene: LilMartin_244 Start: 117828, Stop: 118109, Start Num: 30

Candidate Starts for LilMartin_244:

(Start: 21 @117792 has 3 MA's), (Start: 30 @117828 has 3 MA's), (36, 117864), (45, 117954), (48, 117963), (49, 117969), (52, 118008), (53, 118014), (62, 118059),

Gene: LilSaint_244 Start: 118279, Stop: 118623, Start Num: 13

Candidate Starts for LilSaint_244:

(Start: 13 @118279 has 5 MA's), (43, 118453), (51, 118522), (67, 118600),

Gene: Limpid_193 Start: 100817, Stop: 101128, Start Num: 22

Candidate Starts for Limpid_193:

(Start: 22 @100817 has 23 MA's), (Start: 30 @100844 has 3 MA's), (49, 100991), (53, 101036), (54, 101045),

Gene: LuckySocke_56 Start: 18658, Stop: 18978, Start Num: 24

Candidate Starts for LuckySocke_56:

(Start: 24 @18658 has 7 MA's), (33, 18706), (40, 18769), (41, 18778), (46, 18817), (50, 18859), (51, 18868), (52, 18871), (54, 18886), (55, 18889),

Gene: LukeCage_255 Start: 117596, Stop: 117892, Start Num: 28

Candidate Starts for LukeCage_255:

(Start: 28 @117596 has 2 MA's), (31, 117620), (48, 117746), (50, 117779), (52, 117791), (53, 117797), (68, 117878),

Gene: Lululemon_238 Start: 117498, Stop: 117806, Start Num: 25

Candidate Starts for Lululemon_238:

(Start: 21 @117489 has 3 MA's), (Start: 25 @117498 has 35 MA's), (47, 117654), (52, 117705), (58, 117732), (67, 117780),

Gene: Marsus_248 Start: 120143, Stop: 120460, Start Num: 21

Candidate Starts for Marsus_248:

(Start: 21 @120143 has 3 MA's), (Start: 30 @120179 has 3 MA's), (36, 120215), (45, 120305), (48, 120314), (49, 120320), (52, 120359), (62, 120410),

Gene: Maupel_202 Start: 100126, Stop: 100437, Start Num: 22

Candidate Starts for Maupel_202:

(3, 100036), (12, 100093), (14, 100099), (Start: 22 @100126 has 23 MA's), (33, 100174), (38, 100204), (55, 100360), (57, 100366), (65, 100411),

Gene: MeganTheeKilla_201 Start: 100188, Stop: 100499, Start Num: 22

Candidate Starts for MeganTheeKilla_201:

(2, 100095), (3, 100098), (12, 100155), (14, 100161), (Start: 22 @100188 has 23 MA's), (33, 100236), (38, 100266), (57, 100428), (65, 100473),

Gene: Mildred21_253 Start: 117441, Stop: 117722, Start Num: 30

Candidate Starts for Mildred21_253:

(4, 117333), (5, 117339), (6, 117342), (8, 117357), (Start: 30 @117441 has 3 MA's), (43, 117552), (67, 117699), (68, 117711),

Gene: MindFlayer_245 Start: 114948, Stop: 115247, Start Num: 27

Candidate Starts for MindFlayer_245:

(Start: 27 @114948 has 12 MA's), (29, 114960), (31, 114975), (48, 115101), (50, 115134), (52, 115146), (53, 115152),

Gene: Moab_199 Start: 102770, Stop: 103081, Start Num: 22

Candidate Starts for Moab_199:

(Start: 22 @102770 has 23 MA's), (33, 102818), (38, 102848), (48, 102938), (57, 103010),

Gene: MulchMansion_248 Start: 119462, Stop: 119743, Start Num: 30

Candidate Starts for MulchMansion_248:

(Start: 21 @119426 has 3 MA's), (Start: 30 @119462 has 3 MA's), (36, 119498), (45, 119588), (48, 119597), (49, 119603), (52, 119642), (53, 119648), (62, 119693),

Gene: Muntaha_169 Start: 90036, Stop: 90359, Start Num: 20
Candidate Starts for Muntaha_169:
(12, 90006), (17, 90024), (Start: 20 @90036 has 4 MA's), (35, 90108), (52, 90261), (54, 90276), (64, 90315),

Gene: Navo_233 Start: 116056, Stop: 116364, Start Num: 25
Candidate Starts for Navo_233:
(Start: 21 @116047 has 3 MA's), (Start: 25 @116056 has 35 MA's), (39, 116149), (47, 116212), (48, 116218), (52, 116263), (58, 116290),

Gene: NootNoot_236 Start: 116751, Stop: 117059, Start Num: 25
Candidate Starts for NootNoot_236:
(Start: 21 @116742 has 3 MA's), (Start: 25 @116751 has 35 MA's), (39, 116844), (47, 116907), (48, 116913), (52, 116958), (58, 116985),

Gene: PacManQ_238 Start: 117498, Stop: 117806, Start Num: 25
Candidate Starts for PacManQ_238:
(Start: 21 @117489 has 3 MA's), (Start: 25 @117498 has 35 MA's), (47, 117654), (52, 117705), (58, 117732), (67, 117780),

Gene: Paradiddles_231 Start: 119126, Stop: 119434, Start Num: 25
Candidate Starts for Paradiddles_231:
(Start: 21 @119117 has 3 MA's), (Start: 25 @119126 has 35 MA's), (39, 119219), (47, 119282), (48, 119288), (52, 119333), (58, 119360),

Gene: Park1214_61 Start: 19242, Stop: 19562, Start Num: 24
Candidate Starts for Park1214_61:
(16, 19221), (Start: 24 @19242 has 7 MA's), (33, 19290), (35, 19308), (37, 19314), (41, 19362), (46, 19401), (48, 19410), (50, 19443), (51, 19452), (52, 19455), (54, 19470), (55, 19473),

Gene: Patelgo_201 Start: 103411, Stop: 103722, Start Num: 22
Candidate Starts for Patelgo_201:
(Start: 22 @103411 has 23 MA's), (33, 103459), (38, 103489), (48, 103579), (57, 103651),

Gene: Peebs_237 Start: 118582, Stop: 118890, Start Num: 25
Candidate Starts for Peebs_237:
(Start: 21 @118573 has 3 MA's), (Start: 25 @118582 has 35 MA's), (47, 118738), (52, 118789), (58, 118816), (67, 118864),

Gene: Pepperwood_241 Start: 118390, Stop: 118698, Start Num: 25
Candidate Starts for Pepperwood_241:
(Start: 21 @118381 has 3 MA's), (Start: 25 @118390 has 35 MA's), (47, 118546), (52, 118597), (58, 118624), (67, 118672),

Gene: Persimmon_242 Start: 117253, Stop: 117561, Start Num: 25
Candidate Starts for Persimmon_242:
(Start: 21 @117244 has 3 MA's), (Start: 25 @117253 has 35 MA's), (39, 117346), (47, 117409), (48, 117415), (52, 117460), (58, 117487),

Gene: Phredrick_203 Start: 99964, Stop: 100275, Start Num: 22
Candidate Starts for Phredrick_203:
(Start: 19 @99958 has 1 MA's), (Start: 22 @99964 has 23 MA's), (33, 100012), (38, 100042), (57, 100204),

Gene: PinkiePie_240 Start: 117909, Stop: 118217, Start Num: 25
Candidate Starts for PinkiePie_240:
(Start: 21 @117900 has 3 MA's), (Start: 25 @117909 has 35 MA's), (47, 118065), (48, 118071), (52, 118116), (58, 118143),

Gene: PumpkinSpice_255 Start: 116169, Stop: 116468, Start Num: 27
Candidate Starts for PumpkinSpice_255:
(Start: 27 @116169 has 12 MA's), (29, 116181), (31, 116196), (48, 116322), (50, 116355), (52, 116367), (53, 116373),

Gene: PynkPanther_251 Start: 118104, Stop: 118412, Start Num: 25
Candidate Starts for PynkPanther_251:
(Start: 21 @118095 has 3 MA's), (Start: 25 @118104 has 35 MA's), (47, 118260), (48, 118266), (52, 118311), (58, 118338),

Gene: Quaran19_253 Start: 116055, Stop: 116369, Start Num: 23
Candidate Starts for Quaran19_253:
(Start: 23 @116055 has 9 MA's), (Start: 32 @116097 has 1 MA's), (42, 116187), (52, 116268), (56, 116289), (68, 116355),

Gene: Rikishi_254 Start: 116336, Stop: 116650, Start Num: 23
Candidate Starts for Rikishi_254:
(Start: 23 @116336 has 9 MA's), (Start: 32 @116378 has 1 MA's), (42, 116468), (52, 116549), (56, 116570),

Gene: Riptide_243 Start: 117224, Stop: 117568, Start Num: 13
Candidate Starts for Riptide_243:
(Start: 13 @117224 has 5 MA's), (43, 117398), (51, 117467), (67, 117545),

Gene: SaltySpittoon_252 Start: 115152, Stop: 115451, Start Num: 27
Candidate Starts for SaltySpittoon_252:
(Start: 27 @115152 has 12 MA's), (29, 115164), (31, 115179), (48, 115305), (50, 115338), (52, 115350), (53, 115356),

Gene: Samisti12_243 Start: 119647, Stop: 119955, Start Num: 25
Candidate Starts for Samisti12_243:
(Start: 21 @119638 has 3 MA's), (Start: 25 @119647 has 35 MA's), (47, 119803), (52, 119854), (58, 119881), (67, 119929),

Gene: Scheme_244 Start: 119629, Stop: 119937, Start Num: 25
Candidate Starts for Scheme_244:
(Start: 21 @119620 has 3 MA's), (Start: 25 @119629 has 35 MA's), (47, 119785), (52, 119836), (58, 119863), (67, 119911),

Gene: SeresaTree_197 Start: 100917, Stop: 101231, Start Num: 22
Candidate Starts for SeresaTree_197:
(Start: 22 @100917 has 23 MA's), (33, 100965), (35, 100983), (38, 100995), (53, 101139),

Gene: Sham_191 Start: 102168, Stop: 102482, Start Num: 22
Candidate Starts for Sham_191:
(18, 102156), (Start: 22 @102168 has 23 MA's), (31, 102204), (33, 102216), (35, 102234), (38, 102246), (53, 102390),

Gene: Shuckle_240 Start: 119084, Stop: 119392, Start Num: 25

Candidate Starts for Shuckle_240:

(Start: 21 @119075 has 3 MA's), (Start: 25 @119084 has 35 MA's), (47, 119240), (52, 119291), (53, 119297), (67, 119366),

Gene: Sollertia_249 Start: 115574, Stop: 115870, Start Num: 26

Candidate Starts for Sollertia_249:

(Start: 26 @115574 has 8 MA's), (37, 115628), (52, 115769), (53, 115775), (61, 115811), (62, 115820),

Gene: SparkleGoddess_198 Start: 101716, Stop: 102027, Start Num: 22

Candidate Starts for SparkleGoddess_198:

(Start: 22 @101716 has 23 MA's), (33, 101764), (38, 101794), (57, 101956),

Gene: Spelly_257 Start: 115081, Stop: 115380, Start Num: 27

Candidate Starts for Spelly_257:

(Start: 27 @115081 has 12 MA's), (29, 115093), (31, 115108), (48, 115234), (50, 115267), (52, 115279), (53, 115285),

Gene: Spilled_260 Start: 116730, Stop: 117044, Start Num: 23

Candidate Starts for Spilled_260:

(Start: 23 @116730 has 9 MA's), (Start: 32 @116772 has 1 MA's), (42, 116862), (52, 116943), (56, 116964),

Gene: Squillium_242 Start: 117911, Stop: 118219, Start Num: 25

Candidate Starts for Squillium_242:

(Start: 21 @117902 has 3 MA's), (Start: 25 @117911 has 35 MA's), (47, 118067), (48, 118073), (52, 118118), (58, 118145),

Gene: Stanimal_248 Start: 115946, Stop: 116242, Start Num: 26

Candidate Starts for Stanimal_248:

(Start: 26 @115946 has 8 MA's), (37, 116000), (52, 116141), (53, 116147), (61, 116183), (62, 116192),

Gene: StarPlatinum_260 Start: 118372, Stop: 118668, Start Num: 28

Candidate Starts for StarPlatinum_260:

(Start: 28 @118372 has 2 MA's), (31, 118396), (48, 118522), (50, 118555), (52, 118567),

Gene: Starbow_249 Start: 115125, Stop: 115424, Start Num: 27

Candidate Starts for Starbow_249:

(Start: 27 @115125 has 12 MA's), (29, 115137), (31, 115152), (48, 115278), (50, 115311), (52, 115323), (53, 115329),

Gene: Stigma_196 Start: 101954, Stop: 102265, Start Num: 22

Candidate Starts for Stigma_196:

(Start: 22 @101954 has 23 MA's), (33, 102002), (38, 102032), (57, 102194),

Gene: Sushi23_242 Start: 119448, Stop: 119756, Start Num: 25

Candidate Starts for Sushi23_242:

(Start: 21 @119439 has 3 MA's), (Start: 25 @119448 has 35 MA's), (47, 119604), (52, 119655), (58, 119682), (67, 119730),

Gene: Talos_57 Start: 18551, Stop: 18871, Start Num: 24

Candidate Starts for Talos_57:

(16, 18530), (Start: 24 @18551 has 7 MA's), (33, 18599), (41, 18671), (50, 18752), (52, 18764), (55, 18782), (56, 18785), (61, 18806), (62, 18815),

Gene: Targaryen_240 Start: 119480, Stop: 119788, Start Num: 25

Candidate Starts for Targaryen_240:

(Start: 21 @119471 has 3 MA's), (Start: 25 @119480 has 35 MA's), (39, 119573), (47, 119636), (52, 119687), (58, 119714),

Gene: Teutsch_240 Start: 118813, Stop: 119121, Start Num: 25

Candidate Starts for Teutsch_240:

(Start: 21 @118804 has 3 MA's), (Start: 25 @118813 has 35 MA's), (47, 118969), (52, 119020), (58, 119047), (67, 119095),

Gene: TomSawyer_257 Start: 118041, Stop: 118355, Start Num: 23

Candidate Starts for TomSawyer_257:

(Start: 23 @118041 has 9 MA's), (Start: 32 @118083 has 1 MA's), (42, 118173), (52, 118254), (56, 118275),

Gene: Tomas_249 Start: 118578, Stop: 118919, Start Num: 13

Candidate Starts for Tomas_249:

(5, 118539), (8, 118557), (10, 118569), (Start: 13 @118578 has 5 MA's), (40, 118719), (47, 118767), (52, 118818), (58, 118845), (67, 118893),

Gene: Tribute_237 Start: 118978, Stop: 119286, Start Num: 25

Candidate Starts for Tribute_237:

(Start: 21 @118969 has 3 MA's), (Start: 25 @118978 has 35 MA's), (47, 119134), (52, 119185), (58, 119212), (67, 119260),

Gene: TunaTartare_199 Start: 104283, Stop: 104597, Start Num: 22

Candidate Starts for TunaTartare_199:

(18, 104271), (Start: 22 @104283 has 23 MA's), (33, 104331), (35, 104349), (38, 104361), (53, 104505),

Gene: Wakanda_167 Start: 89716, Stop: 90039, Start Num: 20

Candidate Starts for Wakanda_167:

(12, 89686), (17, 89704), (Start: 20 @89716 has 4 MA's), (35, 89788), (52, 89941), (54, 89956), (64, 89995),

Gene: Warpy_244 Start: 118181, Stop: 118489, Start Num: 25

Candidate Starts for Warpy_244:

(Start: 21 @118172 has 3 MA's), (Start: 25 @118181 has 35 MA's), (39, 118274), (47, 118337), (52, 118388), (58, 118415),

Gene: WashU_244 Start: 118600, Stop: 118908, Start Num: 25

Candidate Starts for WashU_244:

(Start: 21 @118591 has 3 MA's), (Start: 25 @118600 has 35 MA's), (47, 118756), (52, 118807), (58, 118834), (67, 118882),

Gene: Watermoore_239 Start: 119202, Stop: 119510, Start Num: 25

Candidate Starts for Watermoore_239:

(Start: 21 @119193 has 3 MA's), (Start: 25 @119202 has 35 MA's), (47, 119358), (52, 119409), (58, 119436), (67, 119484),

Gene: Westy_200 Start: 102212, Stop: 102523, Start Num: 22
Candidate Starts for Westy_200:
(Start: 22 @102212 has 23 MA's), (33, 102260), (38, 102290), (57, 102452),

Gene: WhereRU_240 Start: 117587, Stop: 117895, Start Num: 25
Candidate Starts for WhereRU_240:
(Start: 21 @117578 has 3 MA's), (Start: 25 @117587 has 35 MA's), (47, 117743), (48, 117749), (52, 117794), (58, 117821),

Gene: Wipeout_243 Start: 116993, Stop: 117307, Start Num: 23
Candidate Starts for Wipeout_243:
(Start: 23 @116993 has 9 MA's), (Start: 32 @117035 has 1 MA's), (42, 117125), (52, 117206), (56, 117227),

Gene: Wofford_251 Start: 118632, Stop: 118928, Start Num: 26
Candidate Starts for Wofford_251:
(Start: 26 @118632 has 8 MA's), (47, 118776), (52, 118827), (61, 118869), (62, 118878),

Gene: Yaboi_253 Start: 115509, Stop: 115805, Start Num: 26
Candidate Starts for Yaboi_253:
(Start: 26 @115509 has 8 MA's), (37, 115563), (52, 115704), (53, 115710), (61, 115746), (62, 115755),