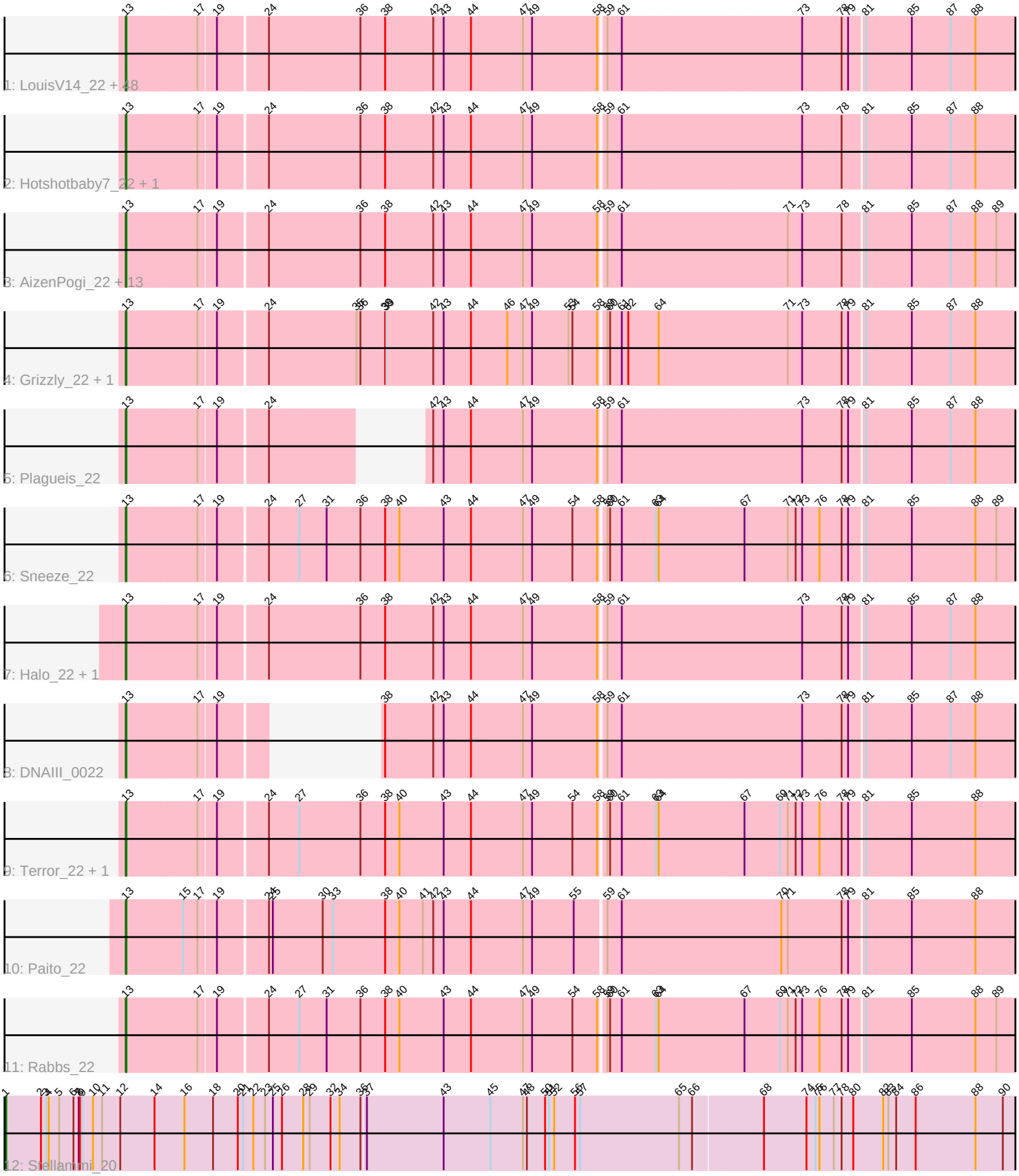
Zoomed Pham 343925



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 343925 Report

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

Pham number 343925 has 77 members, 4 are drafts.

Phages represented in each track:
• Track 1 : LouisV14_22, Olga_22, Renaissance_22, Camri_22, Coleslaw_22, JorRay_22, Cherrybomb426_22, Richarlison_22, Liefie_22, Phreak_22, BQuat_22, Jane_22, Gomashi_22, BPs_22, Maliketh_22, Primanti_22, ForeverHowLong_22, Kareem_22, Crespo_22, Darionha_22, Hope_22, Mowgli_22, Angel_22, CassieYates_22, Zombie_22, Frosty24_22, Peeb_22, CLED96_22, GoldenAsh_22, Remy19_22, Avrafan_22, Phish_22, Jeilious_22, Terralys_22, BruceB_22, ShaboiShabazz_22, Neoh_22, DMoney_22, ZoMa_22, MZKinsey_22, Schiebel_22, AzulaCat_22, Marmie_22, DingDing_22, TomBrady_22, OctaviousRex_22, Sweets_22, Wendigo_22, Cedasite_22
• Track 2 : Hotshotbaby7_22, Gideon_22
• Track 3 : AizenPogi_22, Ruriko_22, Aroostook_22, Annihilator_22, Jolene_22, Kasen3_22, Periodt_22, Phloodle_22, Chance64_22, Sizemore_22, ECartman_22, Jonghyun_22, Rattrick_22, PinkYoshi_22
• Track 4 : Grizzly_22, Barkley26_22
• Track 5 : Plagueis_22
• Track 6 : Sneeze_22
• Track 7 : Halo_22, TinaBug_22
• Track 8 : DNAIII_0022
• Track 9 : Terror_22, Taheera_22
• Track 10 : Paito_22
• Track 11 : Rabbs_22
• Track 12 : Stellammi_20

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

The start number called the most often in the published annotations is 13, it was called in 72 of the 73 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AizenPogi_22, Angel_22, Annihilator_22, Aroostook_22, Avrafan_22, AzulaCat_22, BPs_22, BQuat_22, Barkley26_22, BruceB_22, CLED96_22, Camri_22, CassieYates_22, Cedasite_22, Chance64_22, Cherrybomb426_22, Coleslaw_22, Crespo_22, DMoney_22, DNAIII_0022, Darionha_22, DingDing_22, ECartman_22, ForeverHowLong_22, Frosty24_22, Gideon_22, GoldenAsh_22, Gomashi_22,

Grizzly_22, Halo_22, Hope_22, Hotshotbaby7_22, Jane_22, Jeilious_22, Jolene_22, Jonghyun_22, JorRay_22, Kareem_22, Kasen3_22, Liefie_22, LouisV14_22, MZKinsey_22, Maliketh_22, Marmie_22, Mowgli_22, Neoh_22, OctaviousRex_22, Olga_22, Paito_22, Peeb_22, Periodt_22, Phish_22, Phloodle_22, Phreak_22, PinkYoshi_22, Plagueis_22, Primanti_22, Rabbs_22, Rattrick_22, Remy19_22, Renaissance_22, Richarlison_22, Ruriko_22, Schiebel_22, ShaboiShabazz_22, Sizemore_22, Sneeze_22, Sweets_22, Taheera_22, Terralys_22, Terror_22, TinaBug_22, TomBrady_22, Wendigo_22, ZoMa_22, Zombie_22,

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

Genes that do not have the "Most Annotated" start:
• Stellammi_20,

Summary by start number:

Start 1:
• Found in 1 of 77 (1.3%) of genes in pham
• Manual Annotations of this start: 1 of 73
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Stellammi_20 (UNK),

Start 13:
• Found in 76 of 77 (98.7%) of genes in pham
• Manual Annotations of this start: 72 of 73
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AizenPogi_22 (G1), Angel_22 (G1), Annihilator_22 (G1), Aroostook_22 (G1), Avrafan_22 (G1), AzulaCat_22 (G1), BPs_22 (G1), BQuat_22 (G1), Barkley26_22 (G1), BruceB_22 (G1), CLED96_22 (G1), Camri_22 (G1), CassieYates_22 (G1), Cedasite_22 (G1), Chance64_22 (G1), Cherrybomb426_22 (G1), Coleslaw_22 (G1), Crespo_22 (G1), DMoney_22 (G1), DNAIII_0022 (G1), Darionha_22 (G1), DingDing_22 (G1), ECartman_22 (G1), ForeverHowLong_22 (G1), Frosty24_22 (G1), Gideon_22 (G1), GoldenAsh_22 (G1), Gomashi_22 (G1), Grizzly_22 (G1), Halo_22 (G1), Hope_22 (G1), Hotshotbaby7_22 (G1), Jane_22 (G1), Jeilious_22 (G), Jolene_22 (G1), Jonghyun_22 (G1), JorRay_22 (G1), Kareem_22 (G1), Kasen3_22 (G1), Liefie_22 (G1), LouisV14_22 (G1), MZKinsey_22 (G1), Maliketh_22 (G1), Marmie_22 (G1), Mowgli_22 (G1), Neoh_22 (G), OctaviousRex_22 (G1), Olga_22 (G1), Paito_22 (G1), Peeb_22 (G1), Periodt_22 (G1), Phish_22 (G1), Phloodle_22 (G1), Phreak_22 (G1), PinkYoshi_22 (G1), Plagueis_22 (G1), Primanti_22 (G1), Rabbs_22 (G1), Rattrick_22 (G1), Remy19_22 (G1), Renaissance_22 (G1), Richarlison_22 (G1), Ruriko_22 (G1), Schiebel_22 (G1), ShaboiShabazz_22 (G1), Sizemore_22 (G1), Sneeze_22 (G1), Sweets_22 (G1), Taheera_22 (G1), Terralys_22 (G1), Terror_22 (G1), TinaBug_22 (G1), TomBrady_22 (G1), Wendigo_22 (G1), ZoMa_22 (G1), Zombie_22 (G1),

Summary by clusters:

There are 3 clusters represented in this pham: UNK, G, G1,

Info for manual annotations of cluster G:
•Start number 13 was manually annotated 2 times for cluster G.

Info for manual annotations of cluster G1:
•Start number 13 was manually annotated 70 times for cluster G1.

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

Gene Information:

Gene: AizenPogi_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for AizenPogi_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Angel_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Angel_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Annihilator_22 Start: 20433, Stop: 22826, Start Num: 13
Candidate Starts for Annihilator_22:
(Start: 13 @20433 has 72 MA's), (17, 20595), (19, 20631), (24, 20739), (36, 20946), (38, 21003), (42, 21114), (43, 21138), (44, 21201), (47, 21321), (49, 21342), (58, 21492), (59, 21504), (61, 21537), (71, 21915), (73, 21948), (78, 22038), (81, 22086), (85, 22191), (87, 22281), (88, 22338), (89, 22386), (92, 22455), (93, 22473), (98, 22617), (99, 22653), (103, 22698), (104, 22707), (105, 22755),

Gene: Aroostook_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Aroostook_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Avrafan_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Avrafan_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: AzulaCat_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for AzulaCat_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: BPs_22 Start: 20442, Stop: 22835, Start Num: 13

Candidate Starts for BPs_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: BQuat_22 Start: 20433, Stop: 22826, Start Num: 13
Candidate Starts for BQuat_22:
(Start: 13 @20433 has 72 MA's), (17, 20595), (19, 20631), (24, 20739), (36, 20946), (38, 21003), (42, 21114), (43, 21138), (44, 21201), (47, 21321), (49, 21342), (58, 21492), (59, 21504), (61, 21537), (73, 21948), (78, 22038), (79, 22053), (81, 22086), (85, 22191), (87, 22281), (88, 22338), (92, 22455), (93, 22473), (98, 22617), (99, 22653), (103, 22698), (104, 22707), (105, 22755),

Gene: Barkley26_22 Start: 20446, Stop: 22839, Start Num: 13
Candidate Starts for Barkley26_22:
(Start: 13 @20446 has 72 MA's), (17, 20608), (19, 20644), (24, 20752), (35, 20950), (36, 20959), (38, 21016), (39, 21019), (42, 21127), (43, 21151), (44, 21214), (46, 21298), (47, 21334), (49, 21355), (53, 21439), (54, 21448), (58, 21505), (59, 21517), (60, 21523), (61, 21550), (62, 21565), (64, 21634), (71, 21928), (73, 21961), (78, 22051), (79, 22066), (81, 22099), (85, 22204), (87, 22294), (88, 22351), (92, 22468), (93, 22486), (98, 22630), (99, 22666), (103, 22711), (104, 22720), (105, 22768),

Gene: BruceB_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for BruceB_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: CLED96_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for CLED96_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Camri_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Camri_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: CassieYates_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for CassieYates_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Cedasite_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Cedasite_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73,

21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Chance64_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Chance64_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Cherrybomb426_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Cherrybomb426_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Coleslaw_22 Start: 20433, Stop: 22826, Start Num: 13
Candidate Starts for Coleslaw_22:
(Start: 13 @20433 has 72 MA's), (17, 20595), (19, 20631), (24, 20739), (36, 20946), (38, 21003), (42, 21114), (43, 21138), (44, 21201), (47, 21321), (49, 21342), (58, 21492), (59, 21504), (61, 21537), (73, 21948), (78, 22038), (79, 22053), (81, 22086), (85, 22191), (87, 22281), (88, 22338), (92, 22455), (93, 22473), (98, 22617), (99, 22653), (103, 22698), (104, 22707), (105, 22755),

Gene: Crespo_22 Start: 20443, Stop: 22836, Start Num: 13
Candidate Starts for Crespo_22:
(Start: 13 @20443 has 72 MA's), (17, 20605), (19, 20641), (24, 20749), (36, 20956), (38, 21013), (42, 21124), (43, 21148), (44, 21211), (47, 21331), (49, 21352), (58, 21502), (59, 21514), (61, 21547), (73, 21958), (78, 22048), (79, 22063), (81, 22096), (85, 22201), (87, 22291), (88, 22348), (92, 22465), (93, 22483), (98, 22627), (99, 22663), (103, 22708), (104, 22717), (105, 22765),

Gene: DMoney_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for DMoney_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: DNAIII_0022 Start: 20451, Stop: 22586, Start Num: 13
Candidate Starts for DNAIII_0022:
(Start: 13 @20451 has 72 MA's), (17, 20613), (19, 20649), (38, 20763), (42, 20874), (43, 20898), (44, 20961), (47, 21081), (49, 21102), (58, 21252), (59, 21264), (61, 21297), (73, 21708), (78, 21798), (79, 21813), (81, 21846), (85, 21951), (87, 22041), (88, 22098), (92, 22215), (93, 22233), (98, 22377), (99, 22413), (103, 22458), (104, 22467), (105, 22515),

Gene: Darionha_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Darionha_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: DingDing_22 Start: 20442, Stop: 22835, Start Num: 13

Candidate Starts for DingDing_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: ECartman_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for ECartman_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: ForeverHowLong_22 Start: 20437, Stop: 22830, Start Num: 13
Candidate Starts for ForeverHowLong_22:
(Start: 13 @20437 has 72 MA's), (17, 20599), (19, 20635), (24, 20743), (36, 20950), (38, 21007), (42, 21118), (43, 21142), (44, 21205), (47, 21325), (49, 21346), (58, 21496), (59, 21508), (61, 21541), (73, 21952), (78, 22042), (79, 22057), (81, 22090), (85, 22195), (87, 22285), (88, 22342), (92, 22459), (93, 22477), (98, 22621), (99, 22657), (103, 22702), (104, 22711), (105, 22759),

Gene: Frosty24_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Frosty24_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Gideon_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Gideon_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: GoldenAsh_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for GoldenAsh_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Gomashi_22 Start: 20443, Stop: 22836, Start Num: 13
Candidate Starts for Gomashi_22:
(Start: 13 @20443 has 72 MA's), (17, 20605), (19, 20641), (24, 20749), (36, 20956), (38, 21013), (42, 21124), (43, 21148), (44, 21211), (47, 21331), (49, 21352), (58, 21502), (59, 21514), (61, 21547), (73, 21958), (78, 22048), (79, 22063), (81, 22096), (85, 22201), (87, 22291), (88, 22348), (92, 22465), (93, 22483), (98, 22627), (99, 22663), (103, 22708), (104, 22717), (105, 22765),

Gene: Grizzly_22 Start: 20446, Stop: 22839, Start Num: 13
Candidate Starts for Grizzly_22:
(Start: 13 @20446 has 72 MA's), (17, 20608), (19, 20644), (24, 20752), (35, 20950), (36, 20959), (38, 21016), (39, 21019), (42, 21127), (43, 21151), (44, 21214), (46, 21298), (47, 21334), (49, 21355), (53, 21439), (54, 21448), (58, 21505), (59, 21517), (60, 21523), (61, 21550), (62, 21565), (64, 21634), (71,

21928), (73, 21961), (78, 22051), (79, 22066), (81, 22099), (85, 22204), (87, 22294), (88, 22351), (92, 22468), (93, 22486), (98, 22630), (99, 22666), (103, 22711), (104, 22720), (105, 22768),

Gene: Halo_22 Start: 20437, Stop: 22830, Start Num: 13
Candidate Starts for Halo_22:
(Start: 13 @20437 has 72 MA's), (17, 20599), (19, 20635), (24, 20743), (36, 20950), (38, 21007), (42, 21118), (43, 21142), (44, 21205), (47, 21325), (49, 21346), (58, 21496), (59, 21508), (61, 21541), (73, 21952), (78, 22042), (79, 22057), (81, 22090), (85, 22195), (87, 22285), (88, 22342), (92, 22459), (93, 22477), (98, 22621), (99, 22657), (103, 22702), (104, 22711), (105, 22759),

Gene: Hope_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Hope_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Hotshotbaby7_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Hotshotbaby7_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Jane_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Jane_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Jeilious_22 Start: 20441, Stop: 22834, Start Num: 13
Candidate Starts for Jeilious_22:
(Start: 13 @20441 has 72 MA's), (17, 20603), (19, 20639), (24, 20747), (36, 20954), (38, 21011), (42, 21122), (43, 21146), (44, 21209), (47, 21329), (49, 21350), (58, 21500), (59, 21512), (61, 21545), (73, 21956), (78, 22046), (79, 22061), (81, 22094), (85, 22199), (87, 22289), (88, 22346), (92, 22463), (93, 22481), (98, 22625), (99, 22661), (103, 22706), (104, 22715), (105, 22763),

Gene: Jolene_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Jolene_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Jonghyun_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Jonghyun_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: JorRay_22 Start: 20442, Stop: 22835, Start Num: 13

Candidate Starts for JorRay_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Kareem_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Kareem_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Kasen3_22 Start: 20443, Stop: 22836, Start Num: 13
Candidate Starts for Kasen3_22:
(Start: 13 @20443 has 72 MA's), (17, 20605), (19, 20641), (24, 20749), (36, 20956), (38, 21013), (42, 21124), (43, 21148), (44, 21211), (47, 21331), (49, 21352), (58, 21502), (59, 21514), (61, 21547), (71, 21925), (73, 21958), (78, 22048), (81, 22096), (85, 22201), (87, 22291), (88, 22348), (89, 22396), (92, 22465), (93, 22483), (98, 22627), (99, 22663), (103, 22708), (104, 22717), (105, 22765),

Gene: Liefie_22 Start: 20441, Stop: 22834, Start Num: 13
Candidate Starts for Liefie_22:
(Start: 13 @20441 has 72 MA's), (17, 20603), (19, 20639), (24, 20747), (36, 20954), (38, 21011), (42, 21122), (43, 21146), (44, 21209), (47, 21329), (49, 21350), (58, 21500), (59, 21512), (61, 21545), (73, 21956), (78, 22046), (79, 22061), (81, 22094), (85, 22199), (87, 22289), (88, 22346), (92, 22463), (93, 22481), (98, 22625), (99, 22661), (103, 22706), (104, 22715), (105, 22763),

Gene: LouisV14_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for LouisV14_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: MZKinsey_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for MZKinsey_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Maliketh_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Maliketh_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Marmie_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Marmie_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93,

22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Mowgli_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Mowgli_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Neoh_22 Start: 20434, Stop: 22827, Start Num: 13
Candidate Starts for Neoh_22:
(Start: 13 @20434 has 72 MA's), (17, 20596), (19, 20632), (24, 20740), (36, 20947), (38, 21004), (42, 21115), (43, 21139), (44, 21202), (47, 21322), (49, 21343), (58, 21493), (59, 21505), (61, 21538), (73, 21949), (78, 22039), (79, 22054), (81, 22087), (85, 22192), (87, 22282), (88, 22339), (92, 22456), (93, 22474), (98, 22618), (99, 22654), (103, 22699), (104, 22708), (105, 22756),

Gene: OctaviousRex_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for OctaviousRex_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Olga_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Olga_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Paito_22 Start: 20643, Stop: 23036, Start Num: 13
Candidate Starts for Paito_22:
(Start: 13 @20643 has 72 MA's), (15, 20772), (17, 20805), (19, 20841), (24, 20949), (25, 20958), (30, 21069), (33, 21093), (38, 21213), (40, 21246), (41, 21300), (42, 21324), (43, 21348), (44, 21411), (47, 21531), (49, 21552), (55, 21648), (59, 21714), (61, 21747), (70, 22110), (71, 22125), (78, 22248), (79, 22263), (81, 22296), (85, 22401), (88, 22548), (92, 22665), (93, 22683), (98, 22827), (99, 22863), (103, 22908), (104, 22917), (105, 22965),

Gene: Peeb_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Peeb_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Periodt_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Periodt_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Phish_22 Start: 20442, Stop: 22835, Start Num: 13

Candidate Starts for Phish_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Phloodle_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Phloodle_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Phreak_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Phreak_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: PinkYoshi_22 Start: 20433, Stop: 22826, Start Num: 13
Candidate Starts for PinkYoshi_22:
(Start: 13 @20433 has 72 MA's), (17, 20595), (19, 20631), (24, 20739), (36, 20946), (38, 21003), (42, 21114), (43, 21138), (44, 21201), (47, 21321), (49, 21342), (58, 21492), (59, 21504), (61, 21537), (71, 21915), (73, 21948), (78, 22038), (81, 22086), (85, 22191), (87, 22281), (88, 22338), (89, 22386), (92, 22455), (93, 22473), (98, 22617), (99, 22653), (103, 22698), (104, 22707), (105, 22755),

Gene: Plagueis_22 Start: 20442, Stop: 22670, Start Num: 13
Candidate Starts for Plagueis_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (42, 20958), (43, 20982), (44, 21045), (47, 21165), (49, 21186), (58, 21336), (59, 21348), (61, 21381), (73, 21792), (78, 21882), (79, 21897), (81, 21930), (85, 22035), (87, 22125), (88, 22182), (92, 22299), (93, 22317), (98, 22461), (99, 22497), (103, 22542), (104, 22551), (105, 22599),

Gene: Primanti_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Primanti_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Rabbs_22 Start: 20526, Stop: 22919, Start Num: 13
Candidate Starts for Rabbs_22:
(Start: 13 @20526 has 72 MA's), (17, 20688), (19, 20724), (24, 20832), (27, 20898), (31, 20961), (36, 21039), (38, 21096), (40, 21129), (43, 21231), (44, 21294), (47, 21414), (49, 21435), (54, 21528), (58, 21585), (59, 21597), (60, 21603), (61, 21630), (63, 21708), (64, 21714), (67, 21909), (69, 21990), (71, 22008), (72, 22026), (73, 22041), (76, 22080), (78, 22131), (79, 22146), (81, 22179), (85, 22284), (88, 22431), (89, 22479), (92, 22548), (93, 22566), (98, 22710), (99, 22746), (103, 22791), (104, 22800), (105, 22848),

Gene: Rattrick_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Rattrick_22:

(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Remy19_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Remy19_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Renaissance_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Renaissance_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Richarlison_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Richarlison_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Ruriko_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Ruriko_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (71, 21924), (73, 21957), (78, 22047), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (89, 22395), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Schiebel_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Schiebel_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: ShaboiShabazz_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for ShaboiShabazz_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Sizemore_22 Start: 20443, Stop: 22836, Start Num: 13
Candidate Starts for Sizemore_22:
(Start: 13 @20443 has 72 MA's), (17, 20605), (19, 20641), (24, 20749), (36, 20956), (38, 21013), (42, 21124), (43, 21148), (44, 21211), (47, 21331), (49, 21352), (58, 21502), (59, 21514), (61, 21547), (71, 21925), (73, 21958), (78, 22048), (81, 22096), (85, 22201), (87, 22291), (88, 22348), (89, 22396), (92, 22465), (93, 22483), (98, 22627), (99, 22663), (103, 22708), (104, 22717), (105, 22765),

Gene: Sneeze_22 Start: 20525, Stop: 22918, Start Num: 13
Candidate Starts for Sneeze_22:
(Start: 13 @20525 has 72 MA's), (17, 20687), (19, 20723), (24, 20831), (27, 20897), (31, 20960), (36, 21038), (38, 21095), (40, 21128), (43, 21230), (44, 21293), (47, 21413), (49, 21434), (54, 21527), (58, 21584), (59, 21596), (60, 21602), (61, 21629), (63, 21707), (64, 21713), (67, 21908), (71, 22007), (72, 22025), (73, 22040), (76, 22079), (78, 22130), (79, 22145), (81, 22178), (85, 22283), (88, 22430), (89, 22478), (92, 22547), (93, 22565), (98, 22709), (99, 22745), (103, 22790), (104, 22799), (105, 22847),

Gene: Stellammi_20 Start: 18455, Stop: 21139, Start Num: 1
Candidate Starts for Stellammi_20:
(Start: 1 @18455 has 1 MA's), (2, 18536), (3, 18548), (4, 18554), (5, 18578), (6, 18611), (7, 18623), (8, 18626), (9, 18632), (10, 18656), (11, 18677), (12, 18719), (14, 18794), (16, 18863), (18, 18929), (20, 18986), (21, 18998), (22, 19022), (23, 19049), (25, 19067), (26, 19088), (28, 19136), (29, 19151), (32, 19196), (34, 19211), (36, 19259), (37, 19268), (43, 19445), (45, 19553), (47, 19628), (48, 19637), (50, 19679), (51, 19688), (52, 19700), (56, 19748), (57, 19760), (65, 19985), (66, 20012), (68, 20159), (74, 20255), (75, 20276), (76, 20285), (77, 20318), (78, 20336), (80, 20363), (82, 20432), (83, 20444), (84, 20462), (86, 20507), (88, 20645), (90, 20708), (91, 20762), (94, 20810), (95, 20831), (96, 20912), (97, 20921), (100, 20972), (101, 20981), (102, 20999), (105, 21065), (106, 21122),

Gene: Sweets_22 Start: 20437, Stop: 22830, Start Num: 13
Candidate Starts for Sweets_22:
(Start: 13 @20437 has 72 MA's), (17, 20599), (19, 20635), (24, 20743), (36, 20950), (38, 21007), (42, 21118), (43, 21142), (44, 21205), (47, 21325), (49, 21346), (58, 21496), (59, 21508), (61, 21541), (73, 21952), (78, 22042), (79, 22057), (81, 22090), (85, 22195), (87, 22285), (88, 22342), (92, 22459), (93, 22477), (98, 22621), (99, 22657), (103, 22702), (104, 22711), (105, 22759),

Gene: Taheera_22 Start: 20534, Stop: 22927, Start Num: 13
Candidate Starts for Taheera_22:
(Start: 13 @20534 has 72 MA's), (17, 20696), (19, 20732), (24, 20840), (27, 20906), (36, 21047), (38, 21104), (40, 21137), (43, 21239), (44, 21302), (47, 21422), (49, 21443), (54, 21536), (58, 21593), (59, 21605), (60, 21611), (61, 21638), (63, 21716), (64, 21722), (67, 21917), (69, 21998), (71, 22016), (72, 22034), (73, 22049), (76, 22088), (78, 22139), (79, 22154), (81, 22187), (85, 22292), (88, 22439), (92, 22556), (93, 22574), (98, 22718), (99, 22754), (103, 22799), (104, 22808), (105, 22856),

Gene: Terralys_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Terralys_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Terror_22 Start: 20534, Stop: 22927, Start Num: 13
Candidate Starts for Terror_22:
(Start: 13 @20534 has 72 MA's), (17, 20696), (19, 20732), (24, 20840), (27, 20906), (36, 21047), (38, 21104), (40, 21137), (43, 21239), (44, 21302), (47, 21422), (49, 21443), (54, 21536), (58, 21593), (59, 21605), (60, 21611), (61, 21638), (63, 21716), (64, 21722), (67, 21917), (69, 21998), (71, 22016), (72, 22034), (73, 22049), (76, 22088), (78, 22139), (79, 22154), (81, 22187), (85, 22292), (88, 22439), (92, 22556), (93, 22574), (98, 22718), (99, 22754), (103, 22799), (104, 22808), (105, 22856),

Gene: TinaBug_22 Start: 20437, Stop: 22830, Start Num: 13
Candidate Starts for TinaBug_22:

(Start: 13 @20437 has 72 MA's), (17, 20599), (19, 20635), (24, 20743), (36, 20950), (38, 21007), (42, 21118), (43, 21142), (44, 21205), (47, 21325), (49, 21346), (58, 21496), (59, 21508), (61, 21541), (73, 21952), (78, 22042), (79, 22057), (81, 22090), (85, 22195), (87, 22285), (88, 22342), (92, 22459), (93, 22477), (98, 22621), (99, 22657), (103, 22702), (104, 22711), (105, 22759),

Gene: TomBrady_22 Start: 20443, Stop: 22836, Start Num: 13
Candidate Starts for TomBrady_22:
(Start: 13 @20443 has 72 MA's), (17, 20605), (19, 20641), (24, 20749), (36, 20956), (38, 21013), (42, 21124), (43, 21148), (44, 21211), (47, 21331), (49, 21352), (58, 21502), (59, 21514), (61, 21547), (73, 21958), (78, 22048), (79, 22063), (81, 22096), (85, 22201), (87, 22291), (88, 22348), (92, 22465), (93, 22483), (98, 22627), (99, 22663), (103, 22708), (104, 22717), (105, 22765),

Gene: Wendigo_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Wendigo_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: ZoMa_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for ZoMa_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),

Gene: Zombie_22 Start: 20442, Stop: 22835, Start Num: 13
Candidate Starts for Zombie_22:
(Start: 13 @20442 has 72 MA's), (17, 20604), (19, 20640), (24, 20748), (36, 20955), (38, 21012), (42, 21123), (43, 21147), (44, 21210), (47, 21330), (49, 21351), (58, 21501), (59, 21513), (61, 21546), (73, 21957), (78, 22047), (79, 22062), (81, 22095), (85, 22200), (87, 22290), (88, 22347), (92, 22464), (93, 22482), (98, 22626), (99, 22662), (103, 22707), (104, 22716), (105, 22764),