chr1:13225212-13247040 (21829bp)
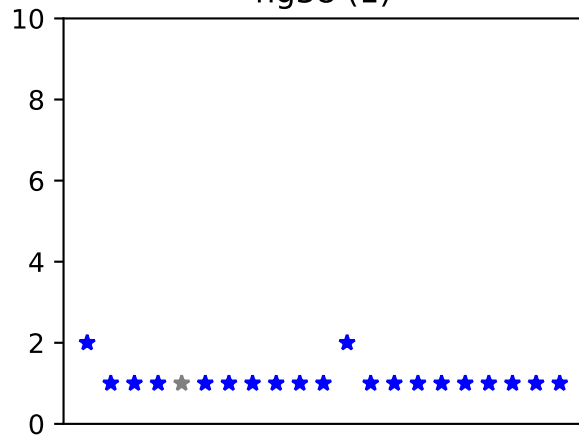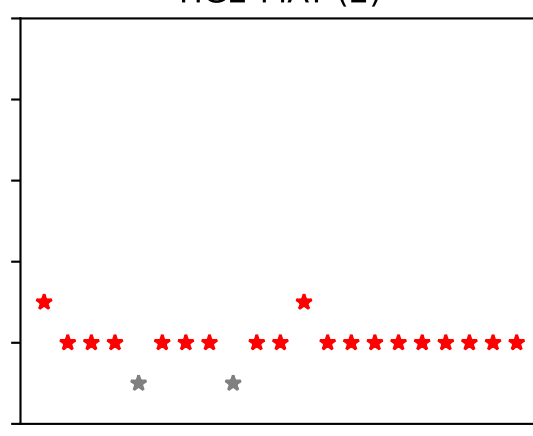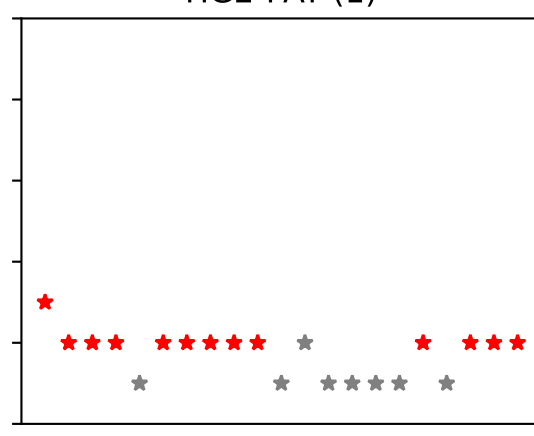
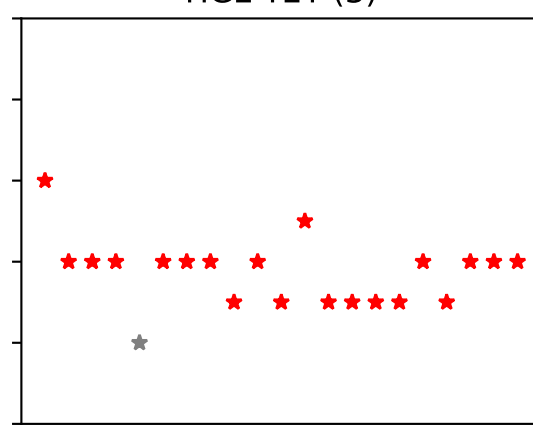chr1:16605768-16645359 (39592bp)
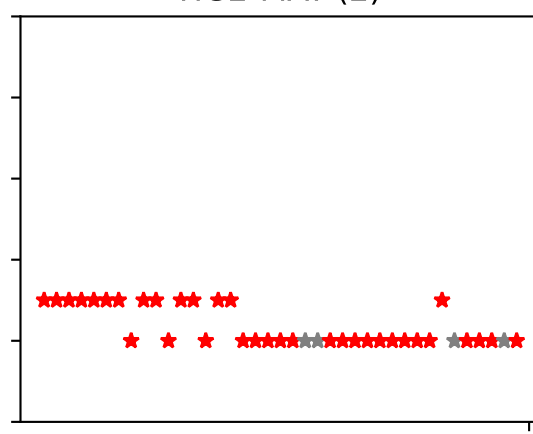
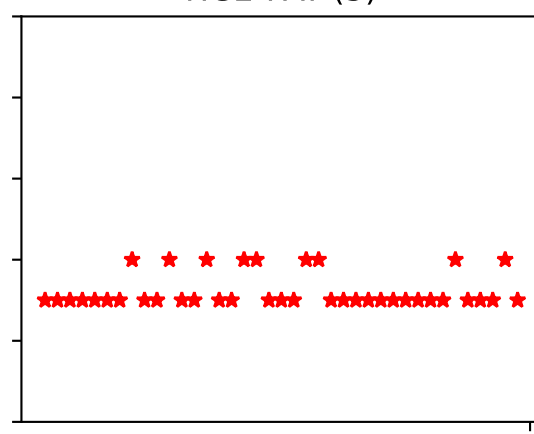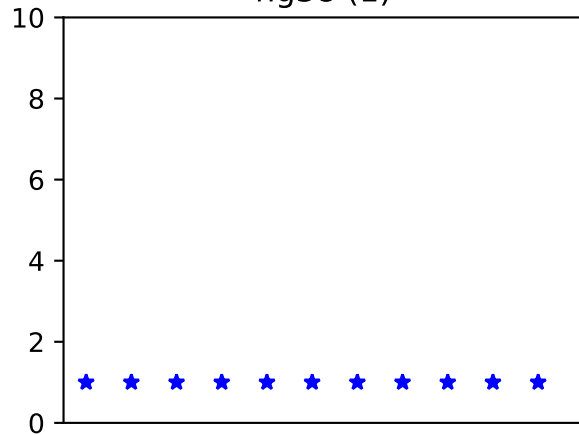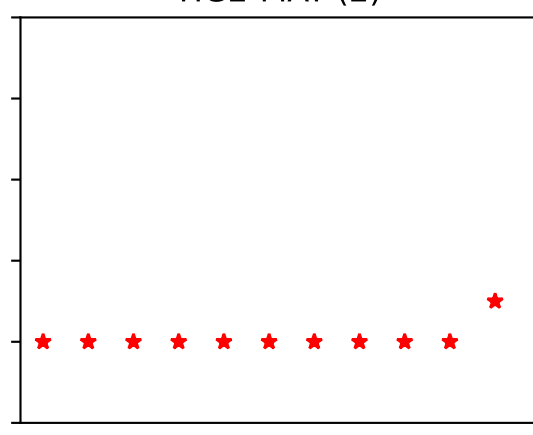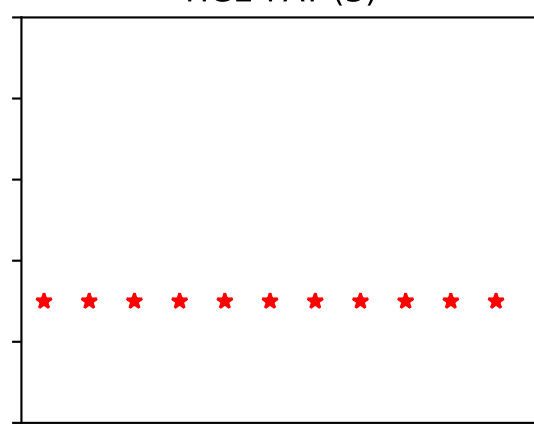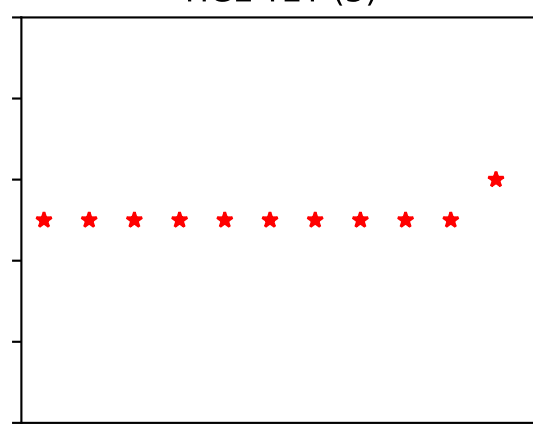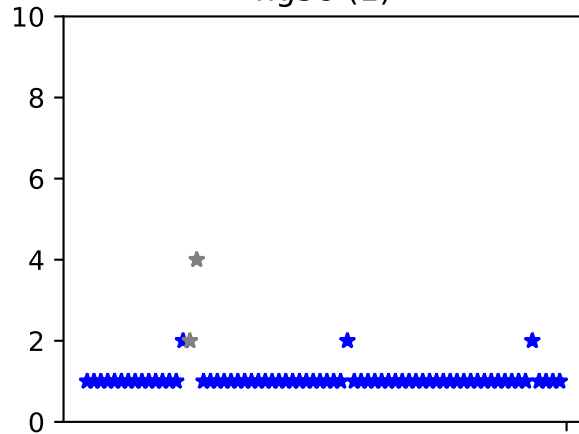chr1:16715826-16727637 (11812bp)

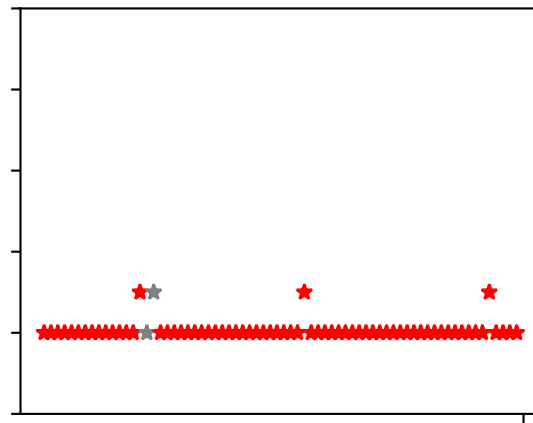hg38 (1)   HG2-MAT (2)   HG2-PAT (3)   HG2-T2T (5)
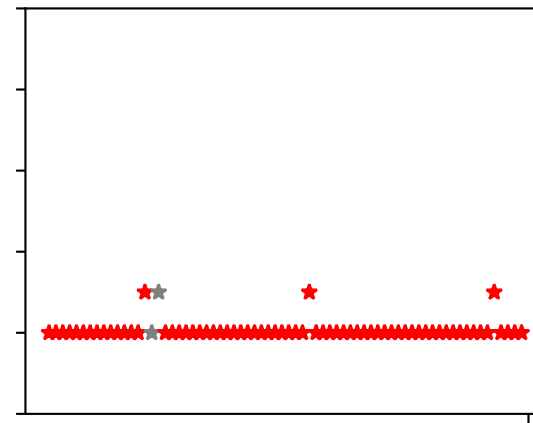
chr1:16879014-16949283 (70270bp)
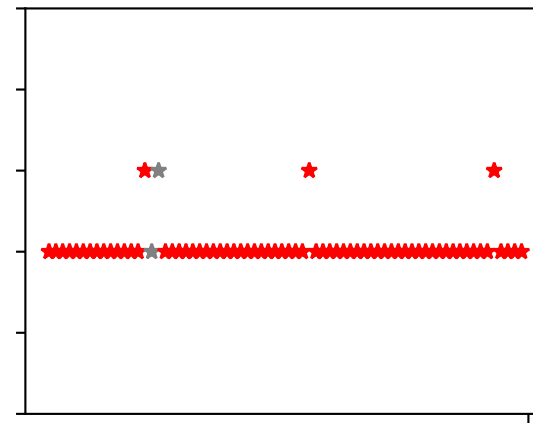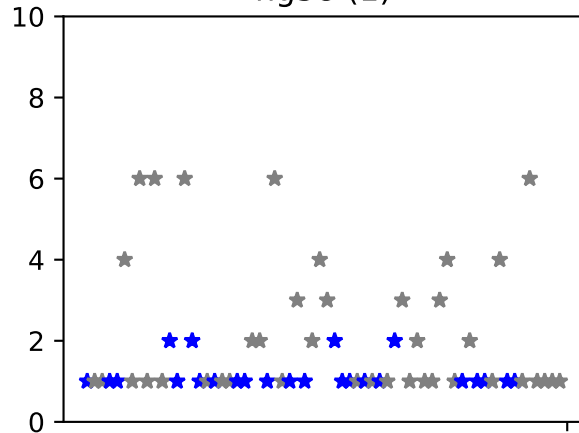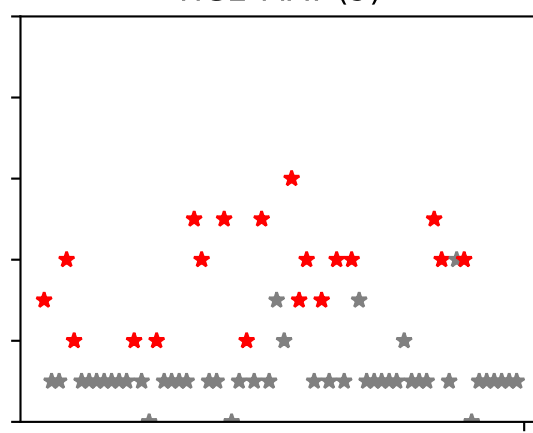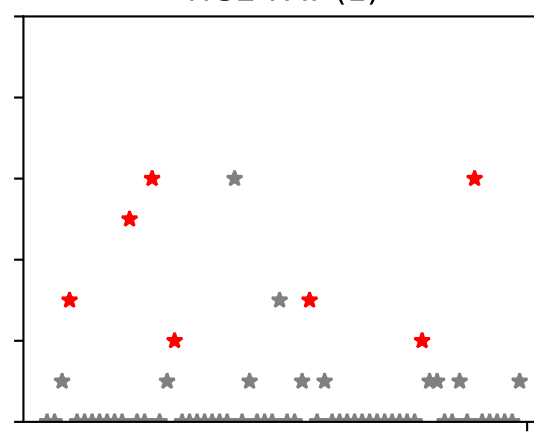
chr1:143207550-143272360 (64811bp)

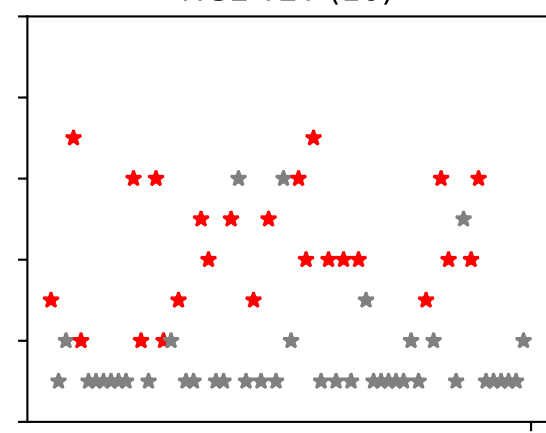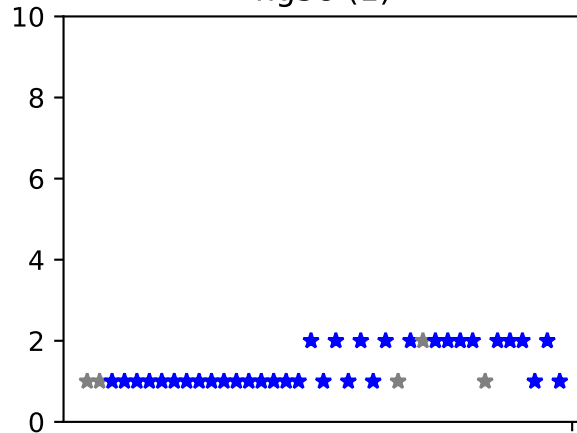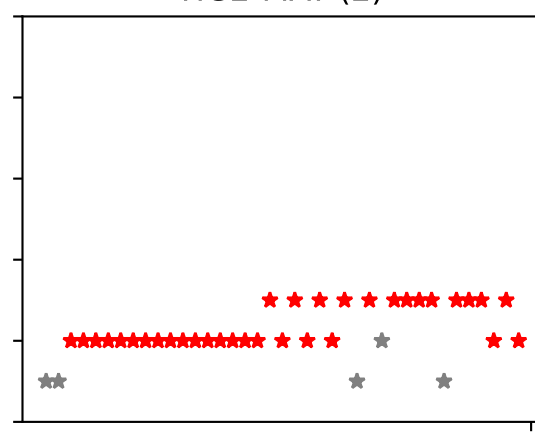hg38 (1)   HG2-MAT (9)   HG2-PAT (1)   HG2-T2T (10)

chr1:248407553-248446847 (39295bp)
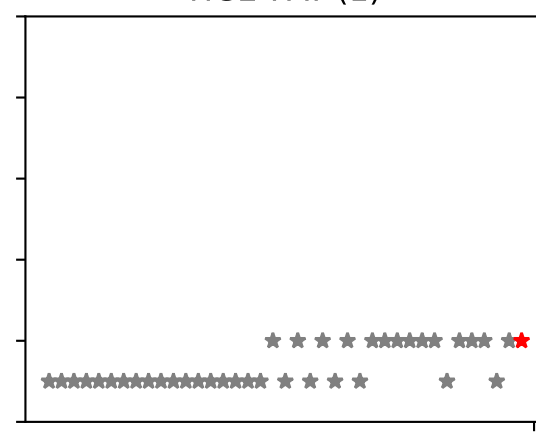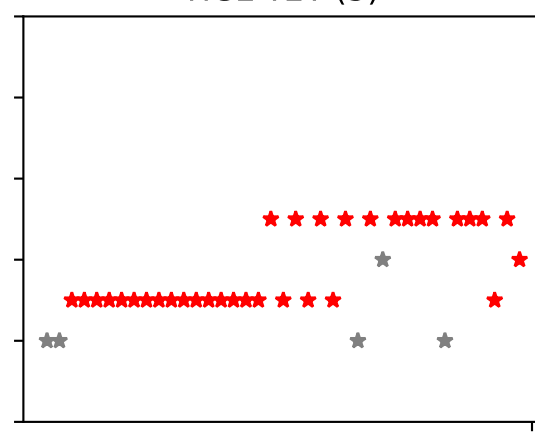
chr2:74330292-74331319 (1028bp)
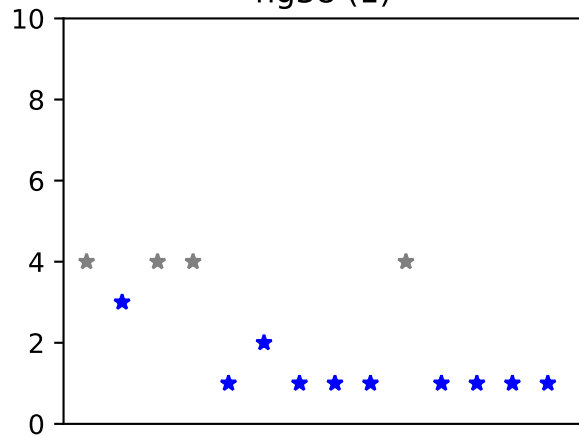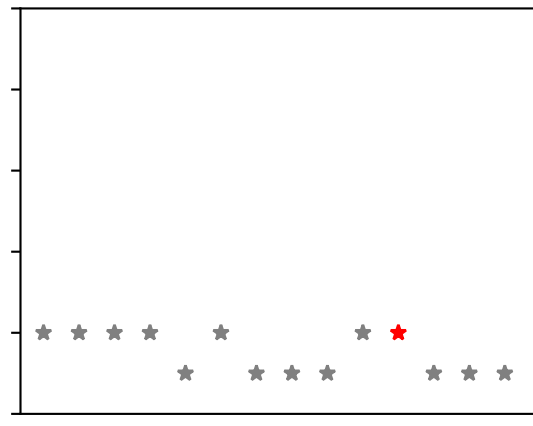
chr2:89673674-89790690 (117017bp)
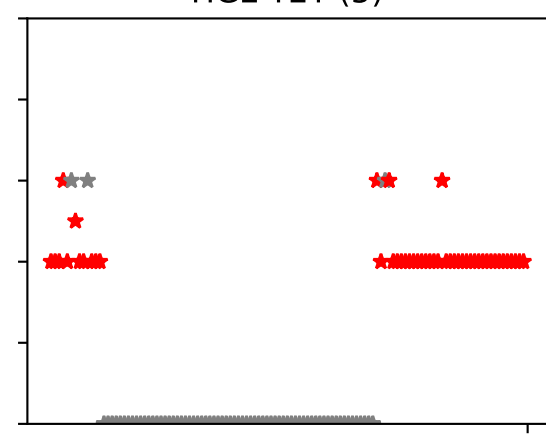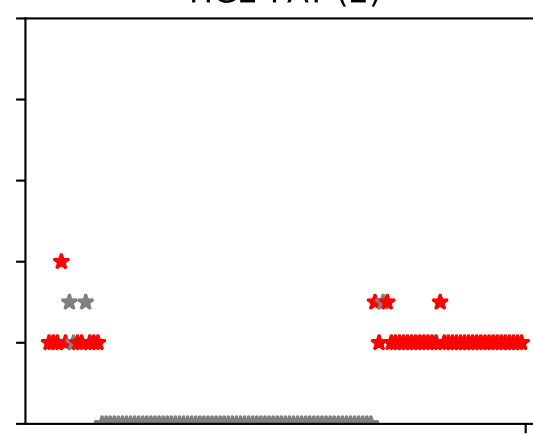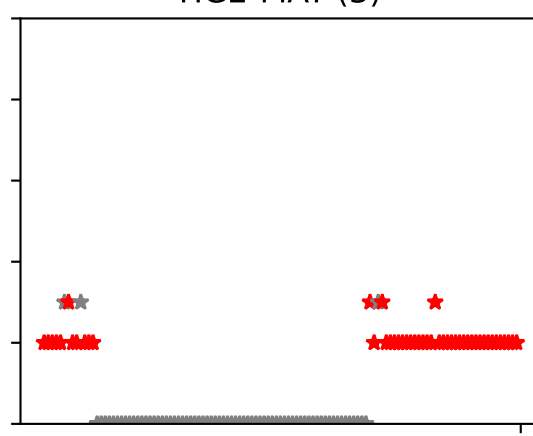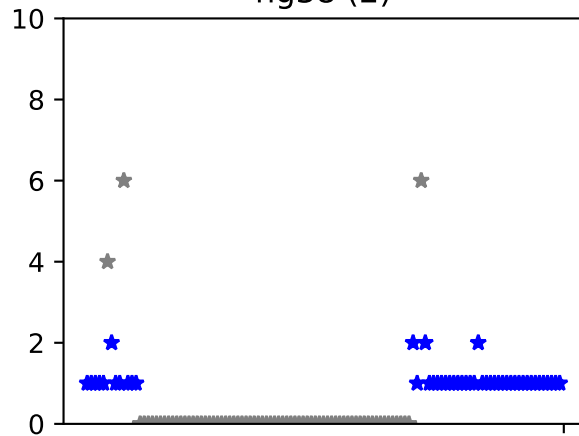
chr2:89795582-89851643 (56062bp)
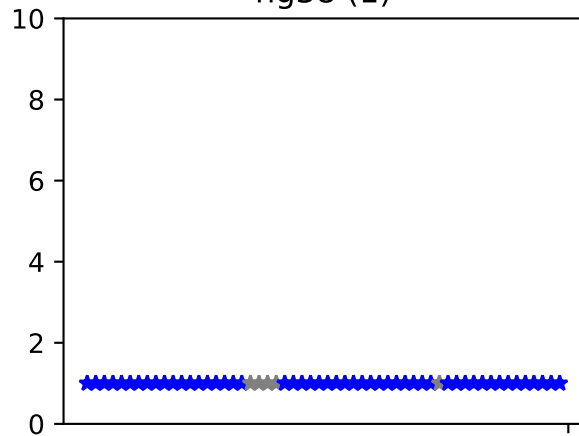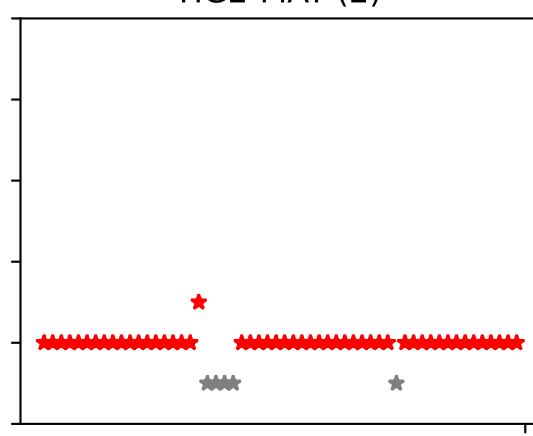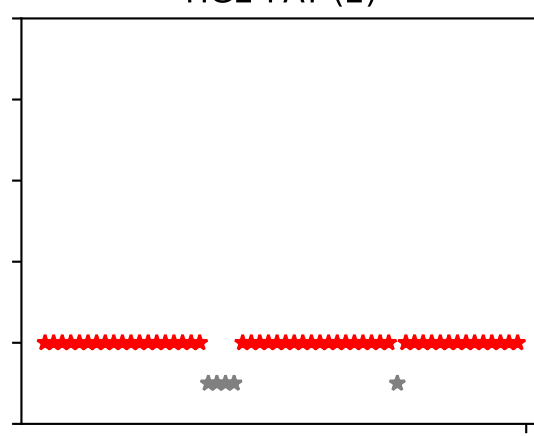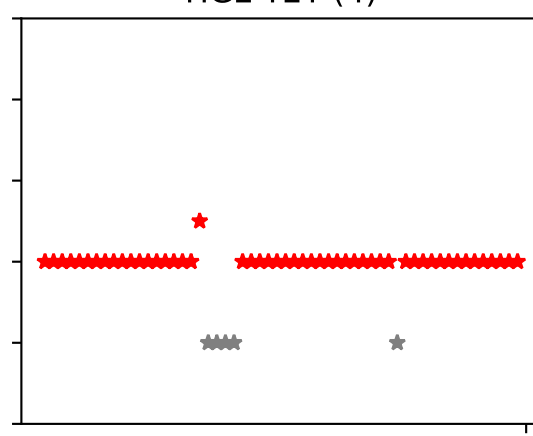
chr2:122526667-122536995 (10329bp)
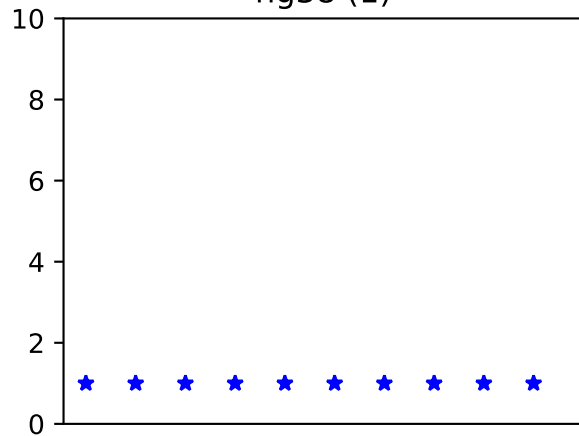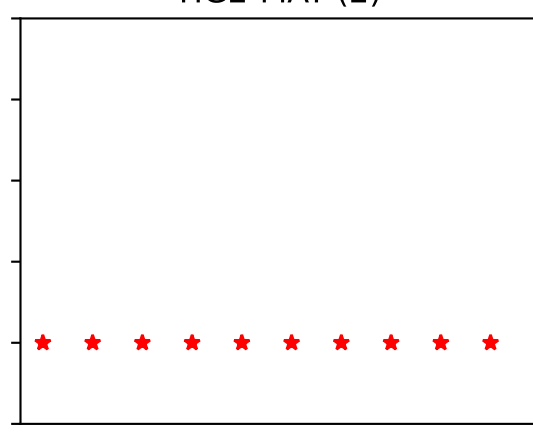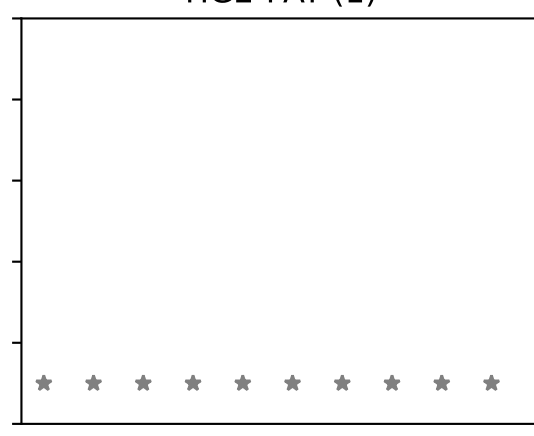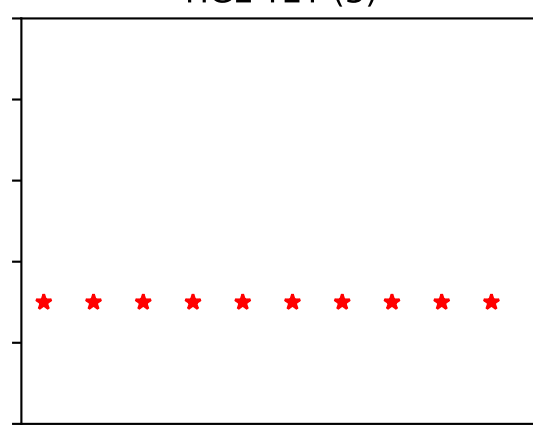
chr3:195690502-195719916 (29415bp)
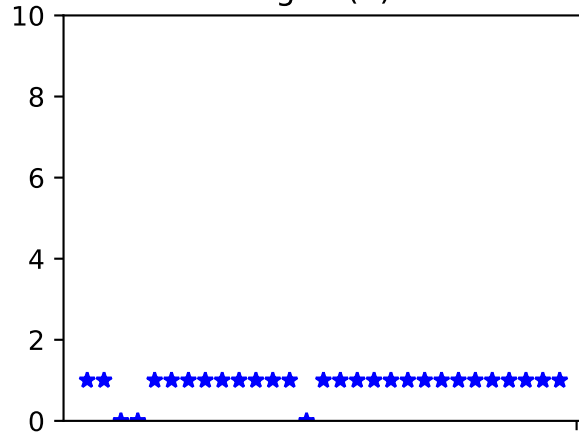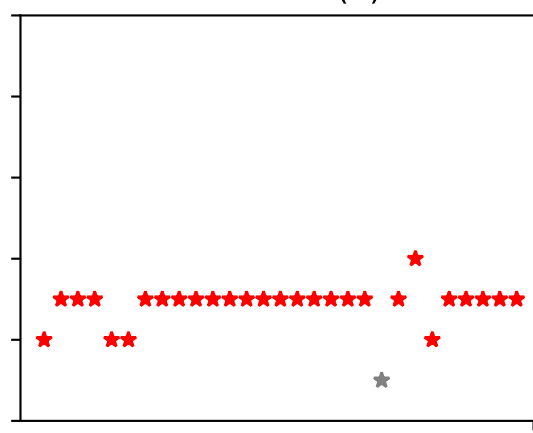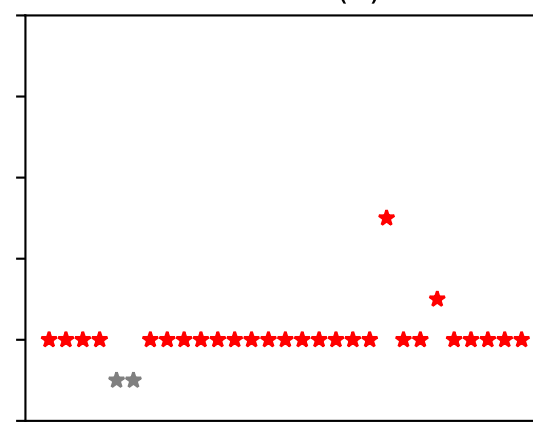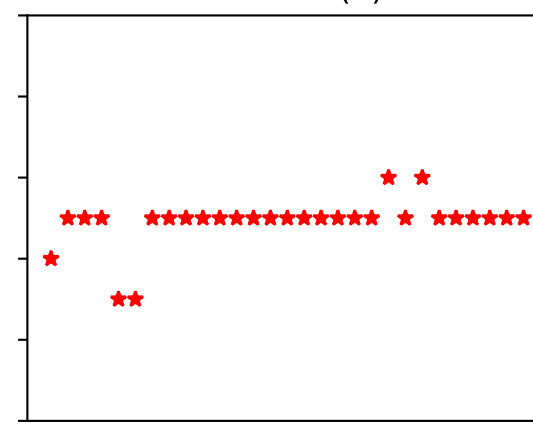
chr3:195719916-195750438 (30523bp)
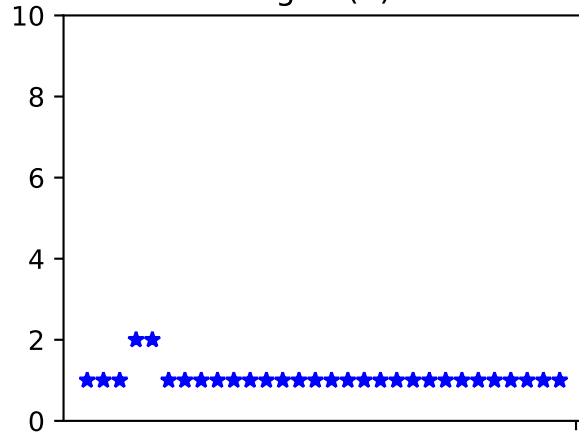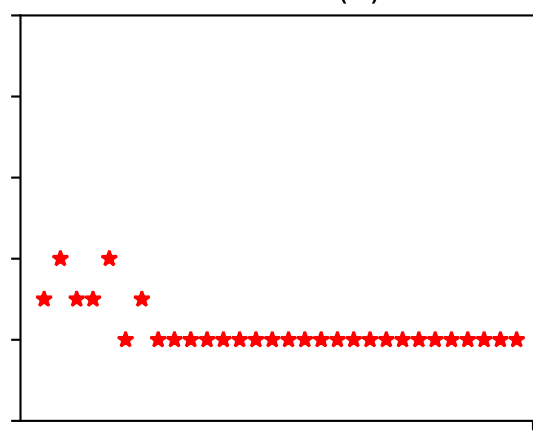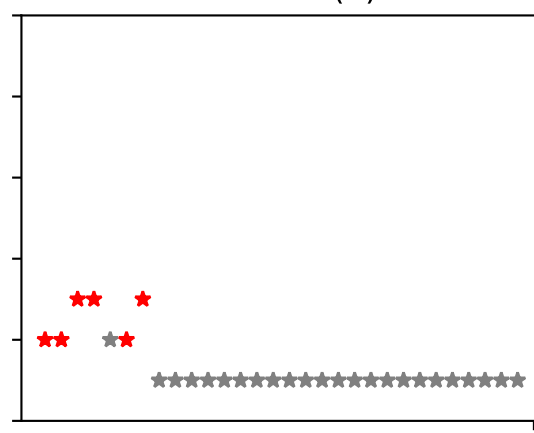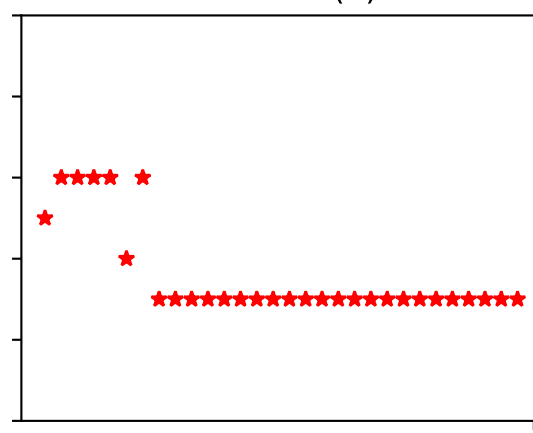
chr4:98892636-98895948 (3313bp)

hg38 (1)   HG2-MAT (1)   HG2-PAT (2)   HG2-T2T (3)

chr6:256330-381943 (125614bp)

chr6:35786783-35799008 (12226bp)
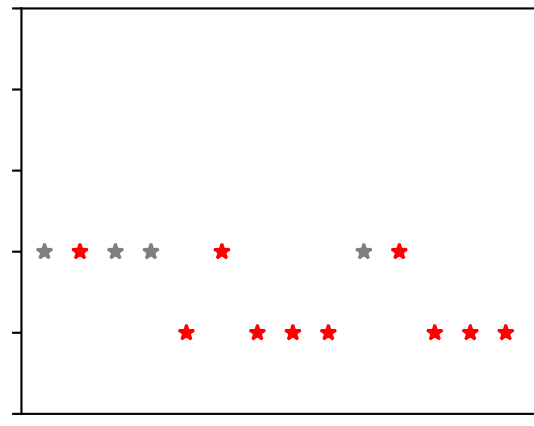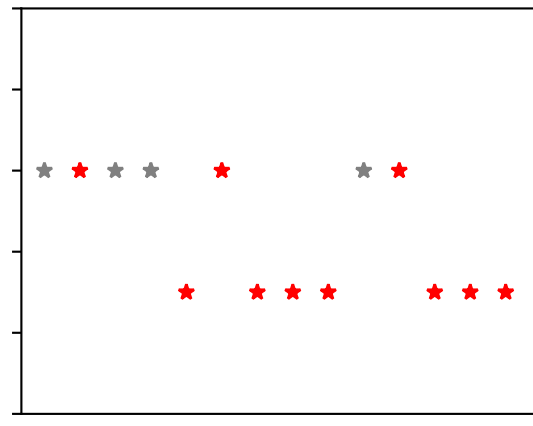
hg38 (1) HG2-MAT (2) HG2-PAT (1) HG2-T2T (3)

chr6:61369114-61373011 (3898bp)

chr7:5167735-5169588 (1854bp)

hg38 (1)   HG2-MAT (2)   HG2-PAT (1)   HG2-T2T (3)

chr7:62384728-62408371 (23644bp)
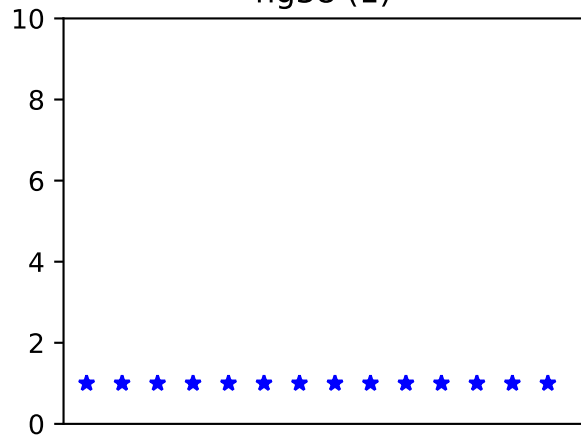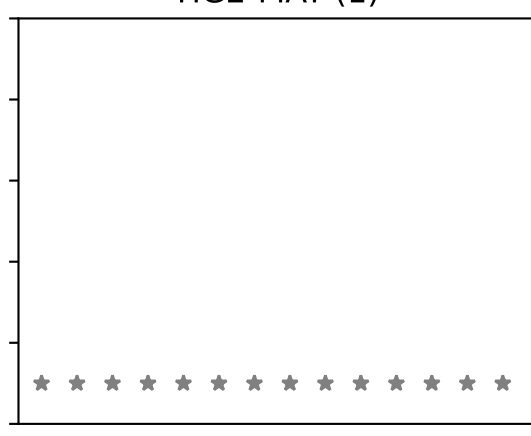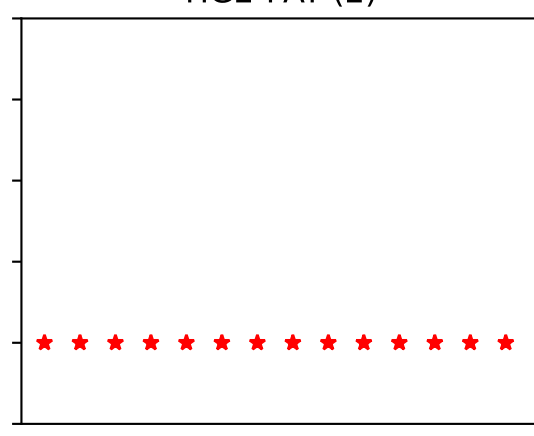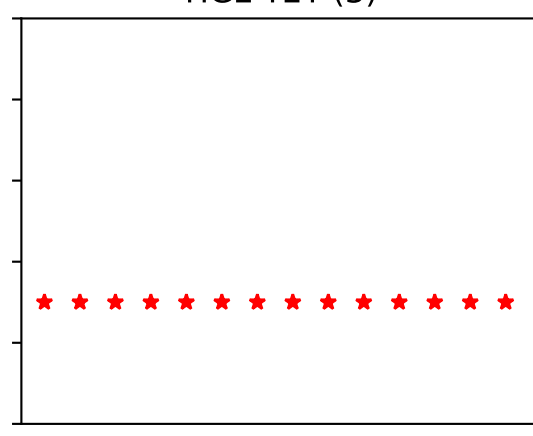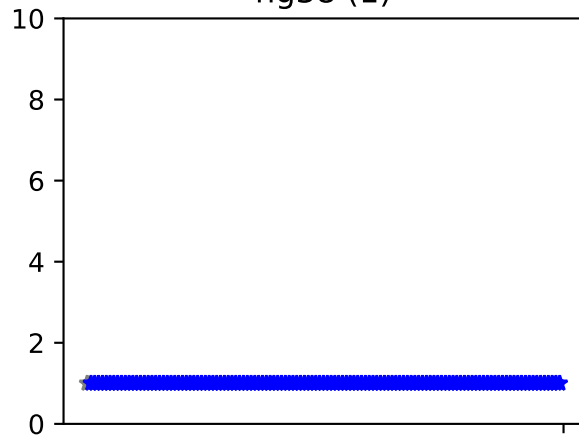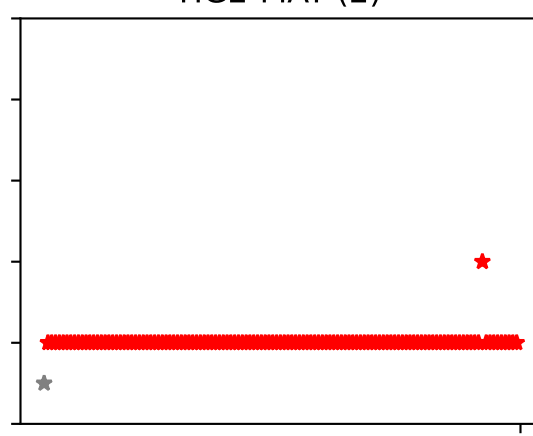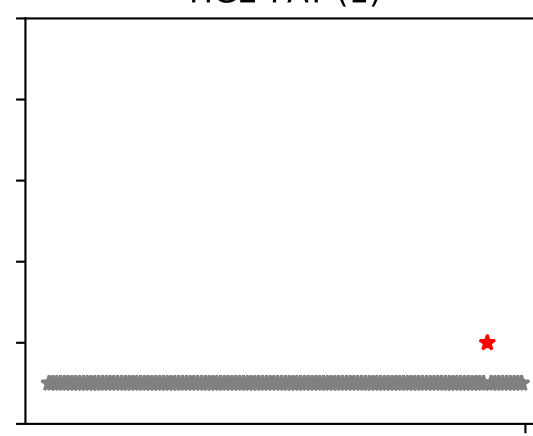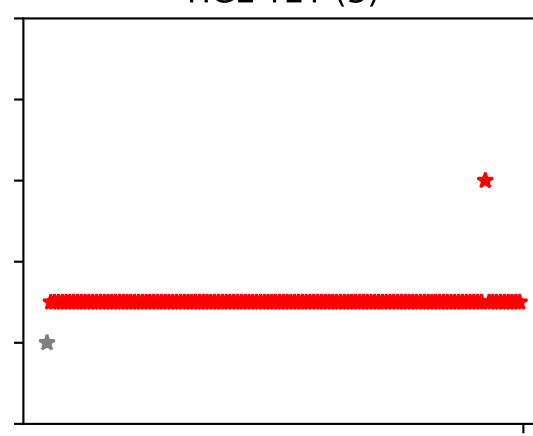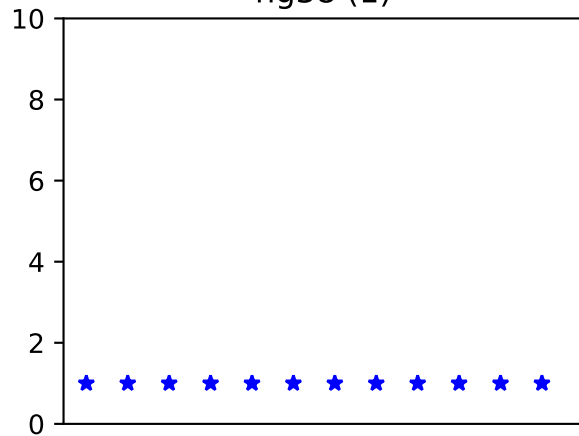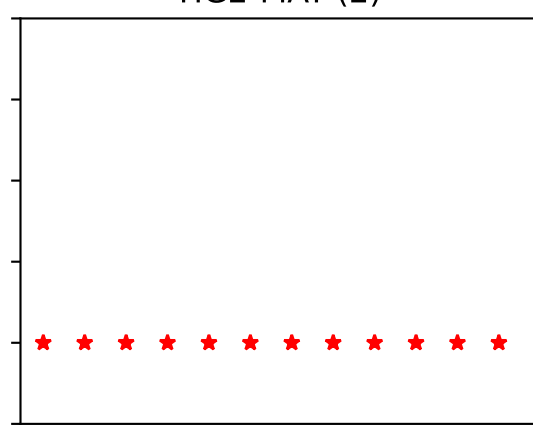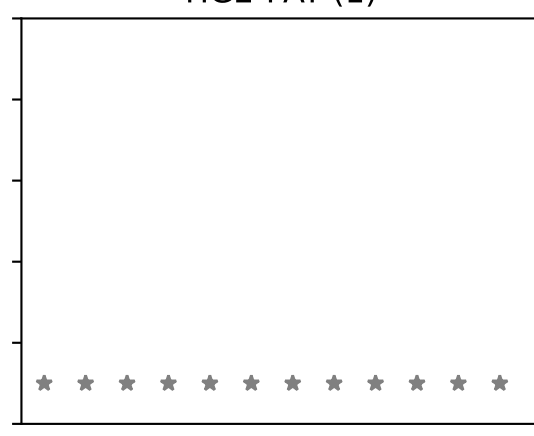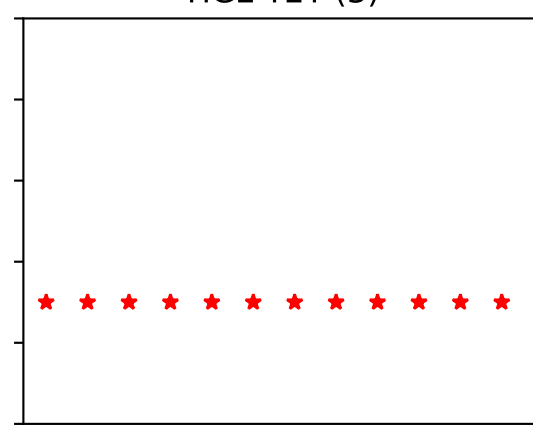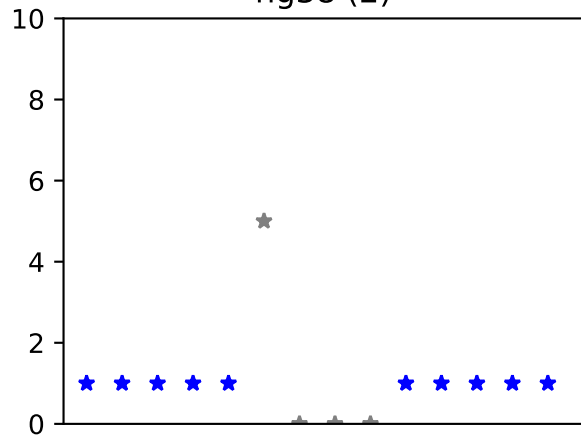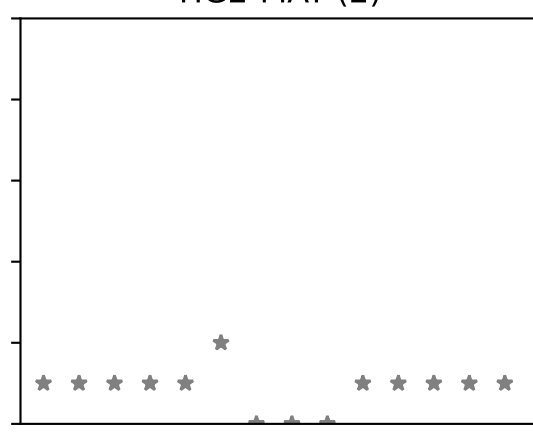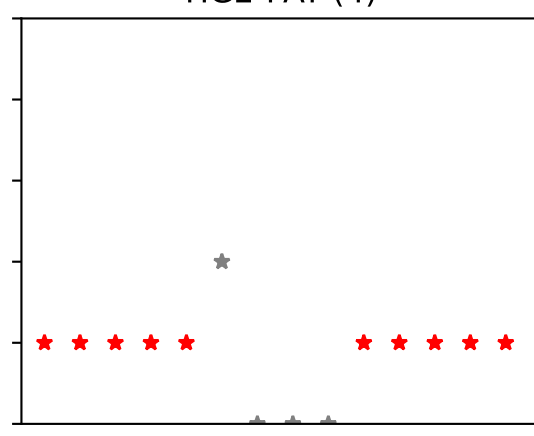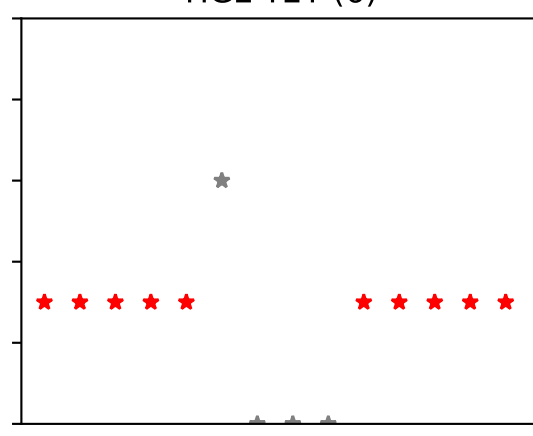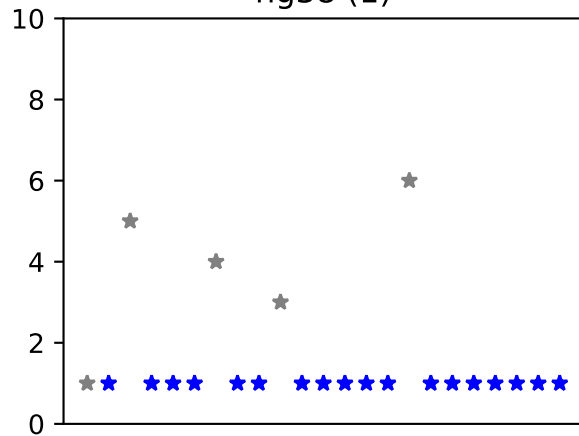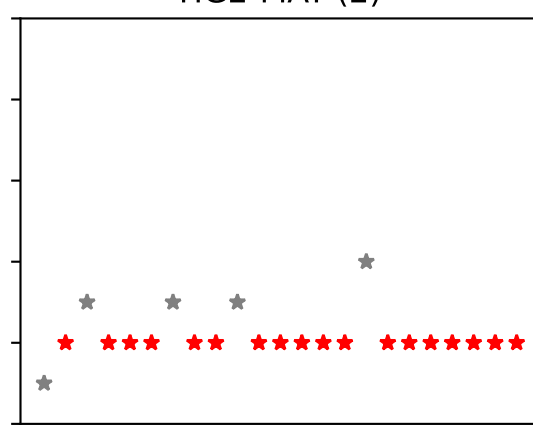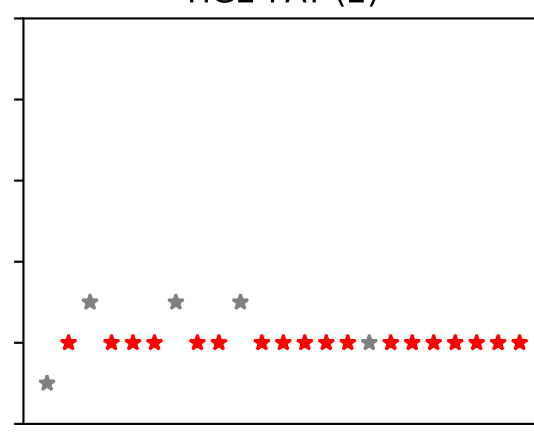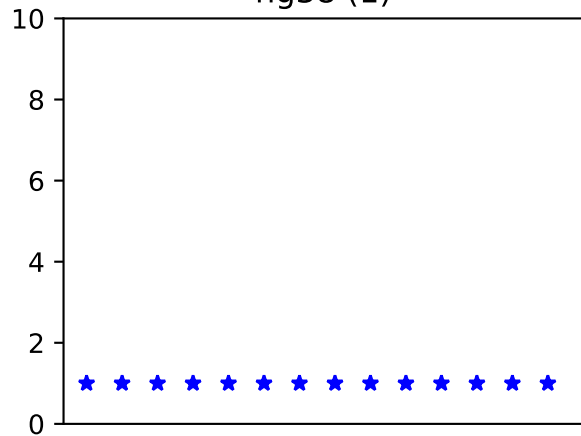
hg38 (1)   HG2-MAT (2)   HG2-PAT (2)   HG2-T2T (4)
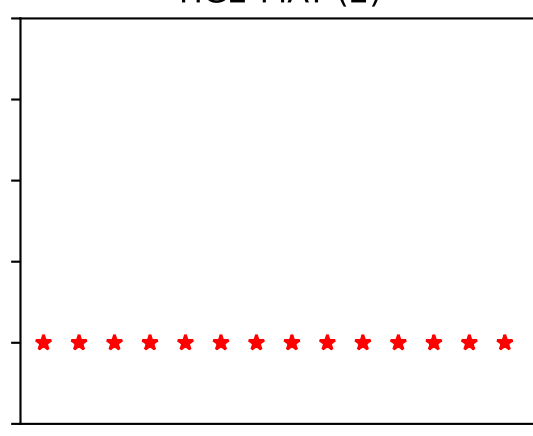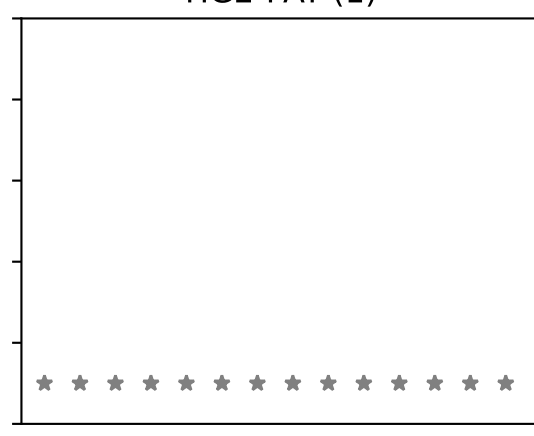
chr8:26998867-27000496 (1630bp)
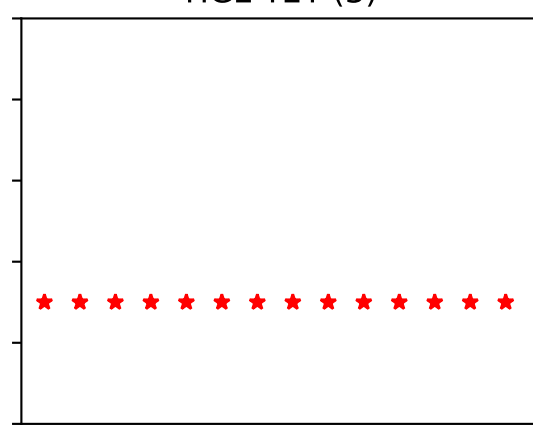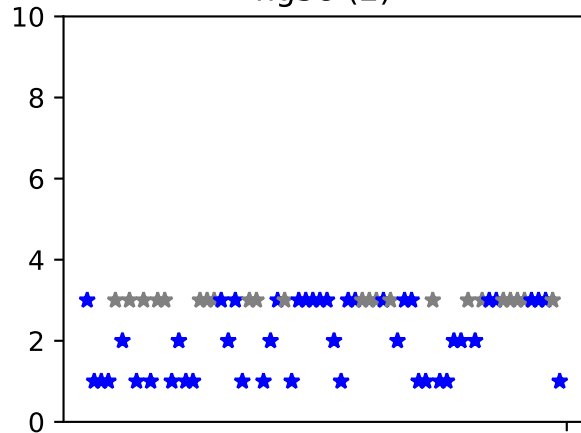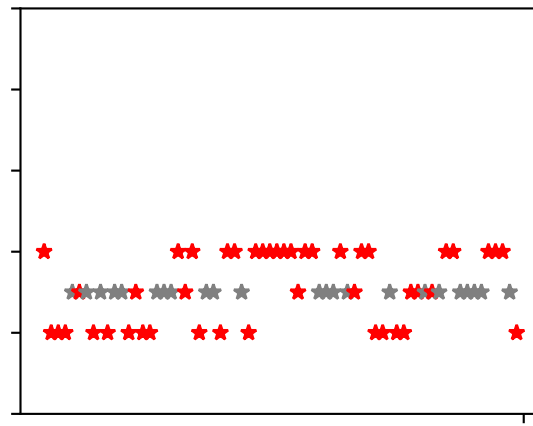
chr9:40867979-41021827 (153849bp)
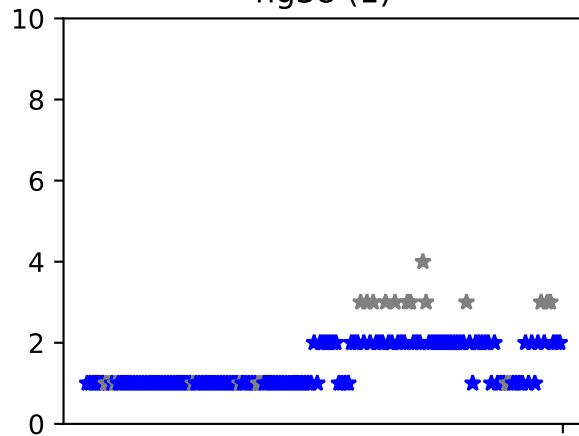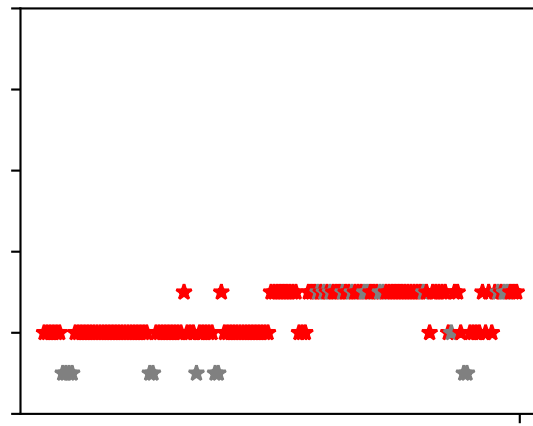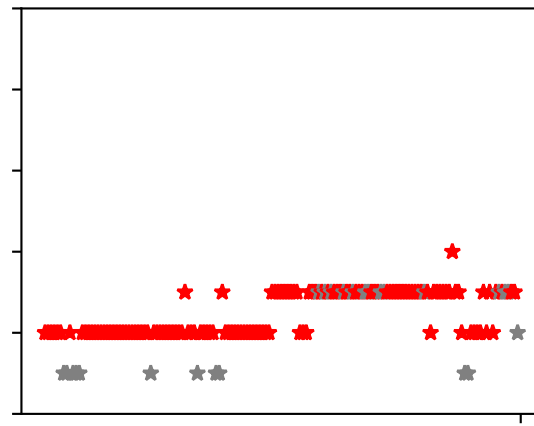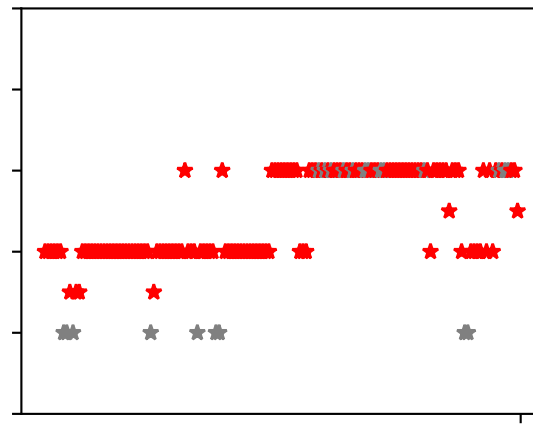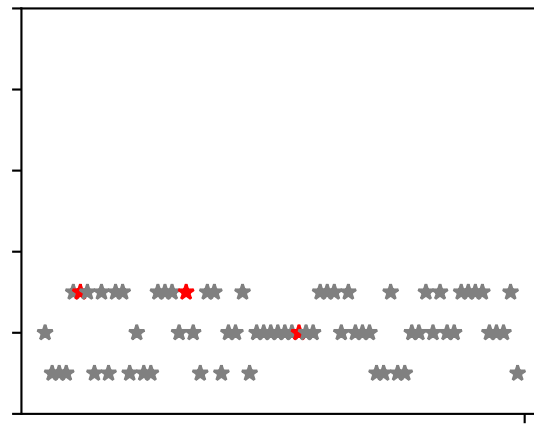
chr9:42261252-42329816 (68565bp)

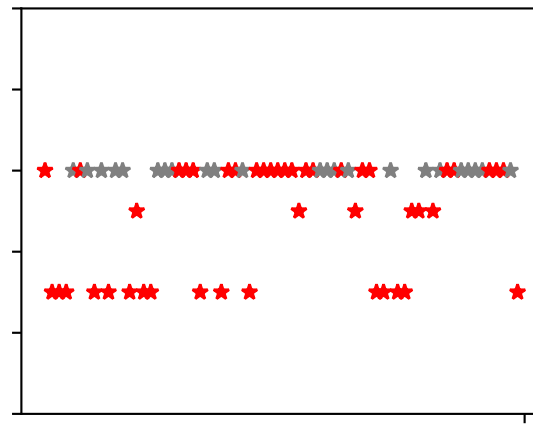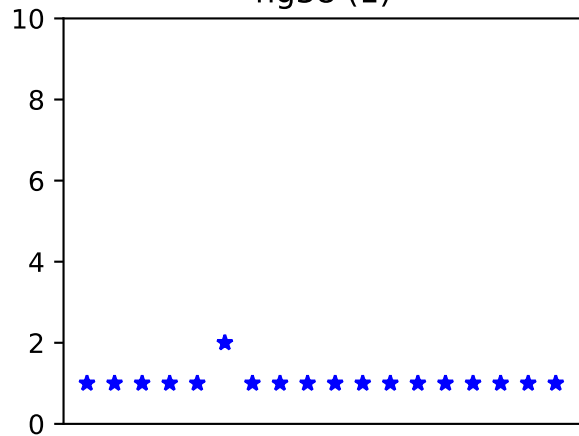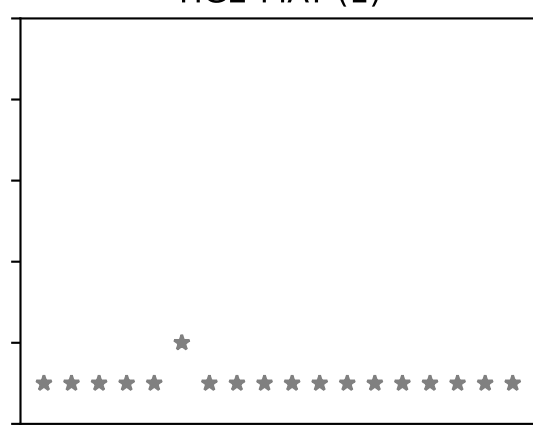hg38 (2) HG2-MAT (3) HG2-PAT (3) HG2-T2T (6)
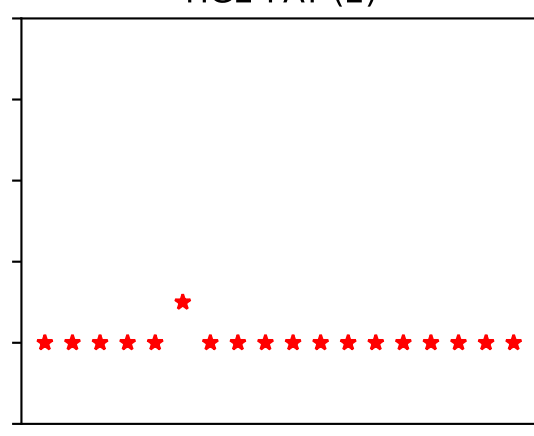
chr9:133063338-133082051 (18714bp)

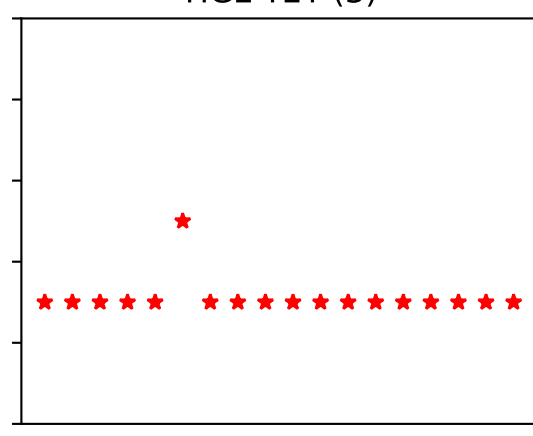chr10:39364453-39376272 (11820bp)
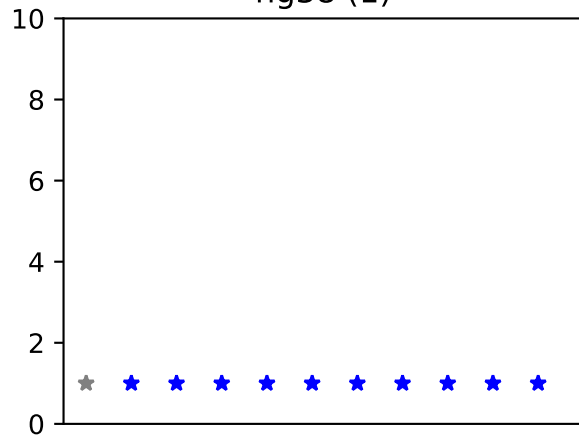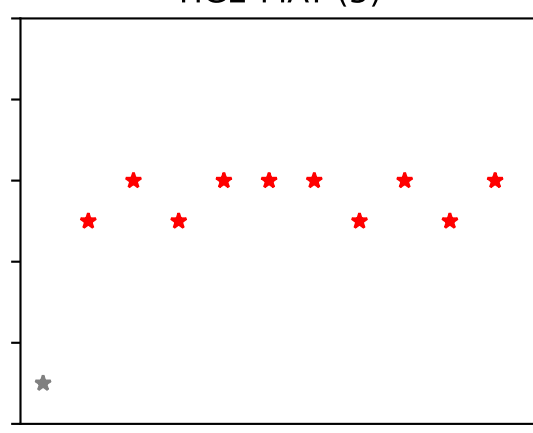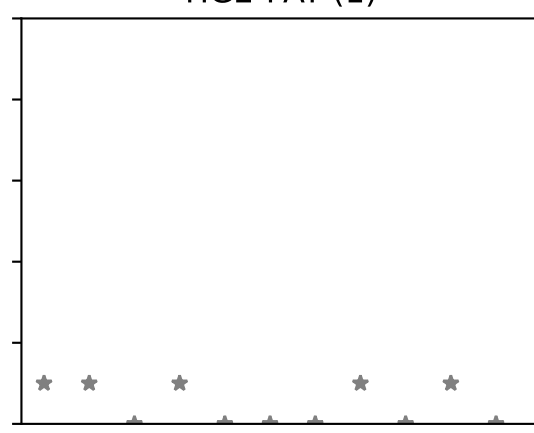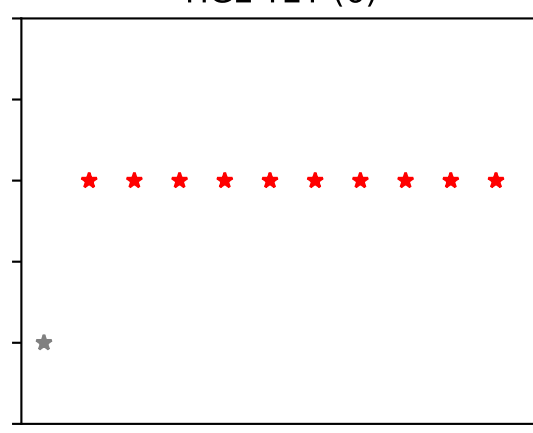
chr10:39405021-39411635 (6615bp)

chr10:46514225-46561077 (46853bp)
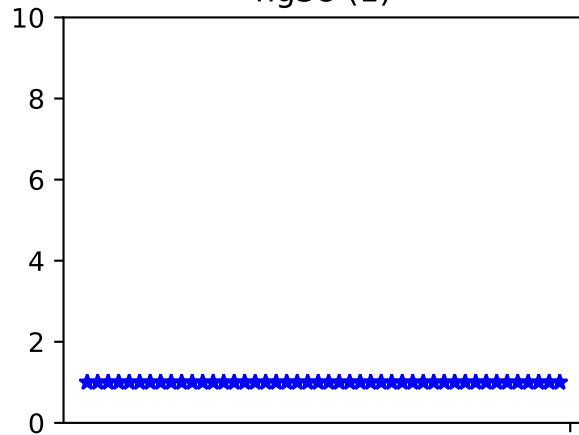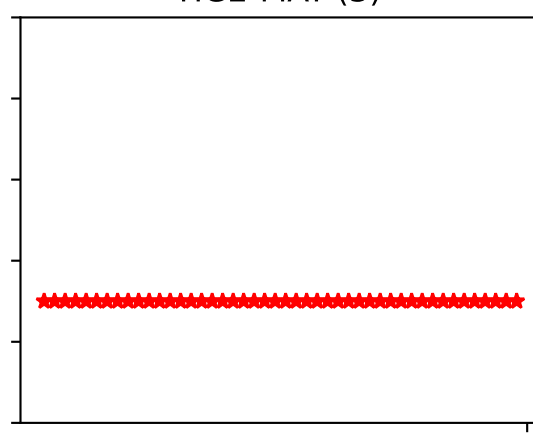
chr11:18922909-18942369 (19461bp)

chr11:50653375-50655011 (1637bp)
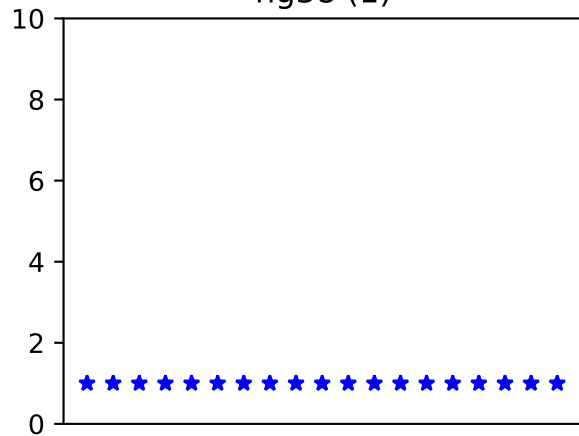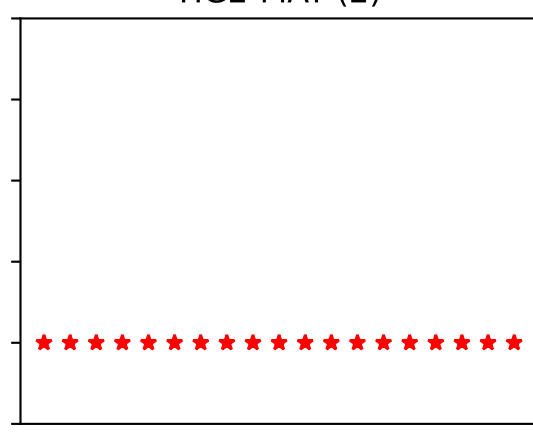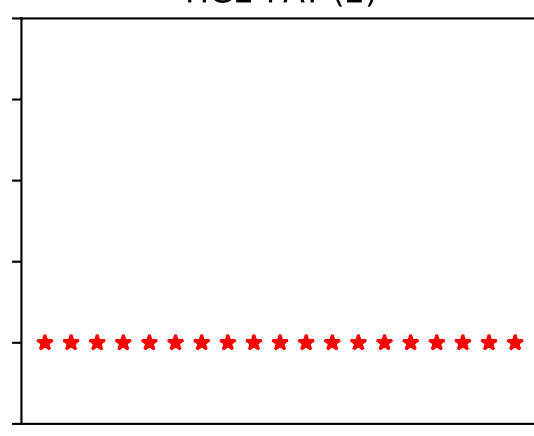
chr11:54934938-54937858 (2921bp)

hg38 (1)   HG2-MAT (3)   HG2-PAT (1)   HG2-T2T (4)

chr11:55247450-55248987 (1538bp)

chr11:68207058-68208264 (1207bp)

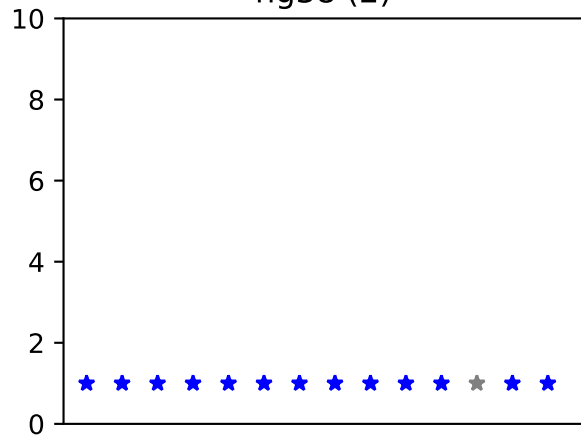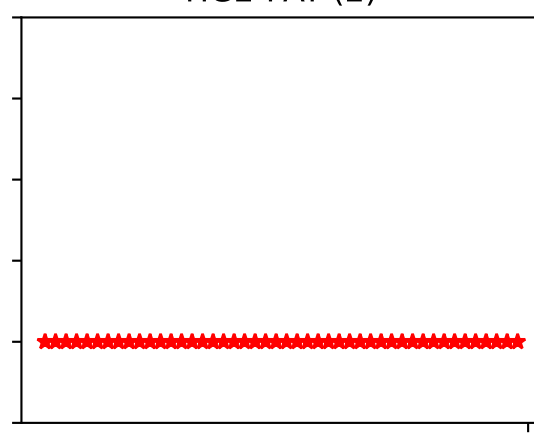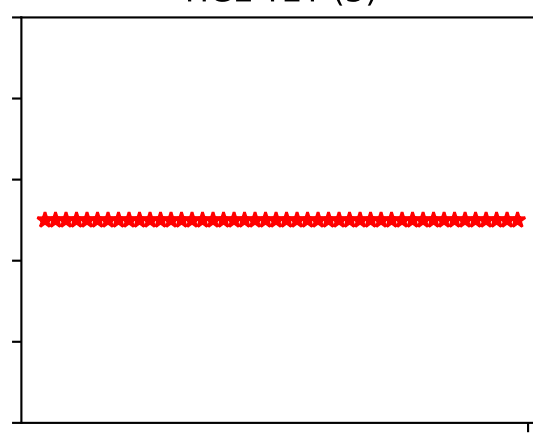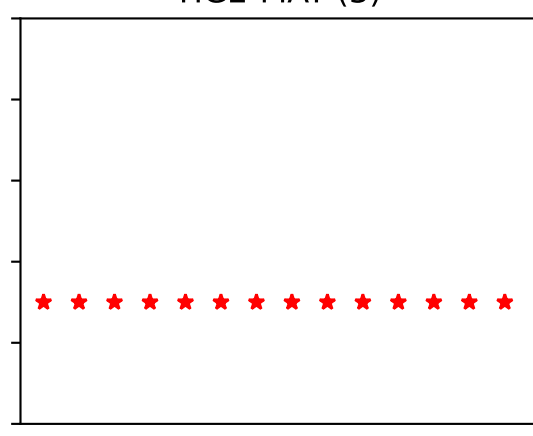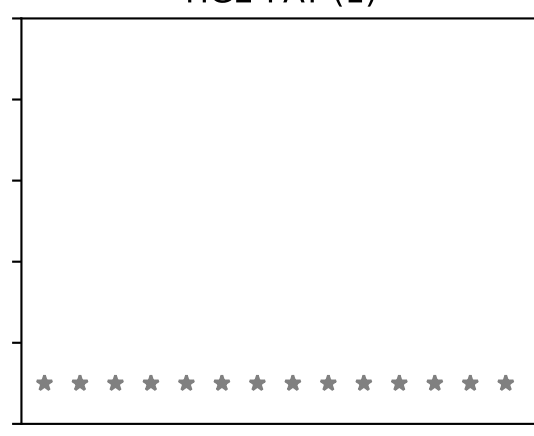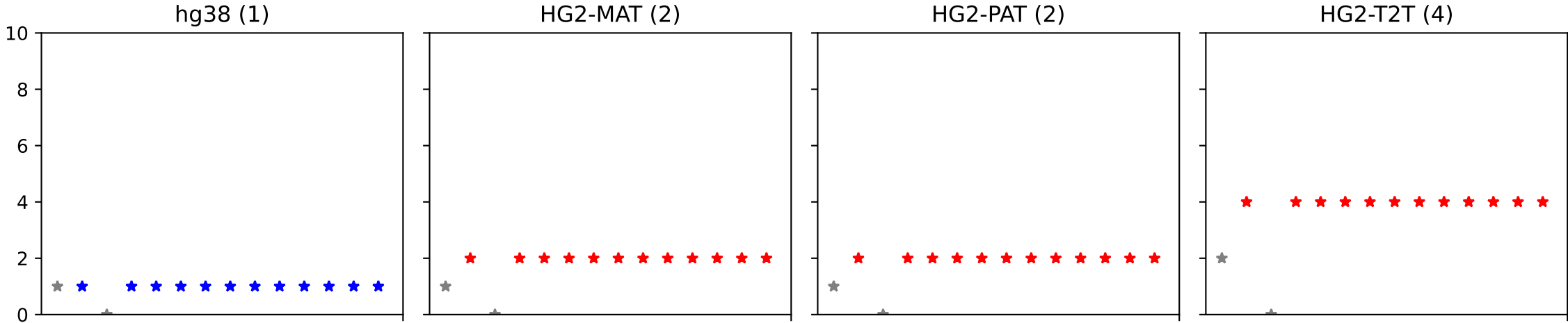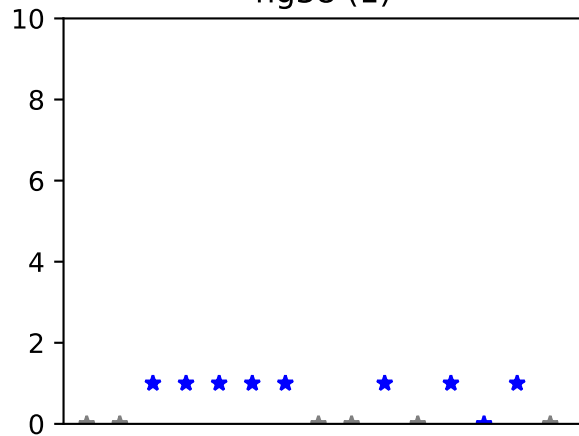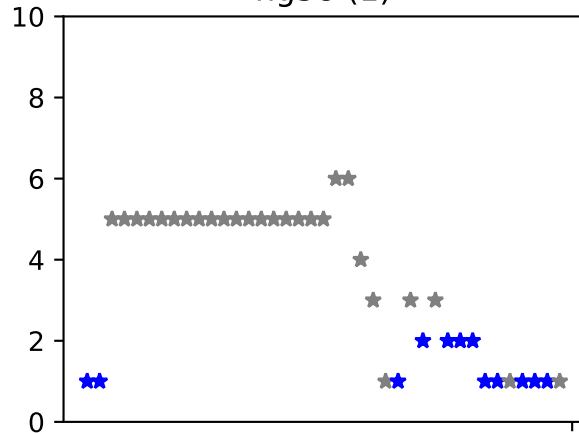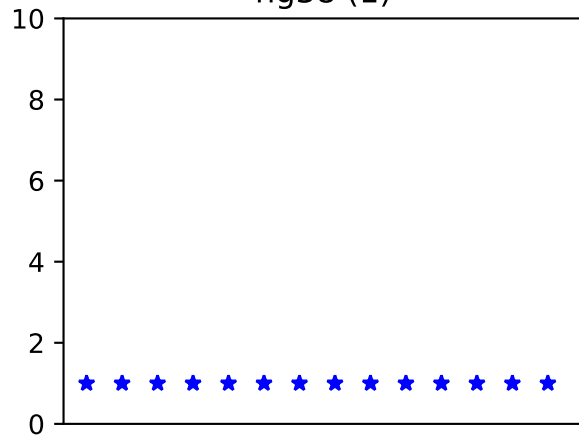hg38 (1)   HG2-MAT (1)   HG2-PAT (2)   HG2-T2T (3)

chr12:21355-60453 (39099bp)
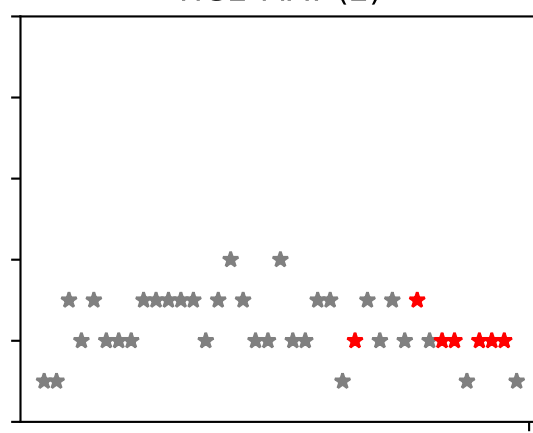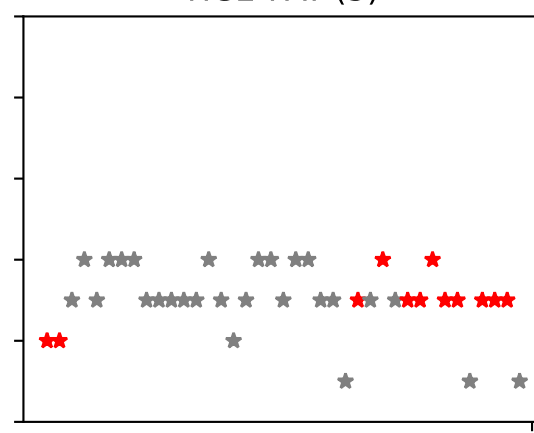
chr12:79761109-79768989 (7881bp)

chr12:90831753-90833460 (1708bp)
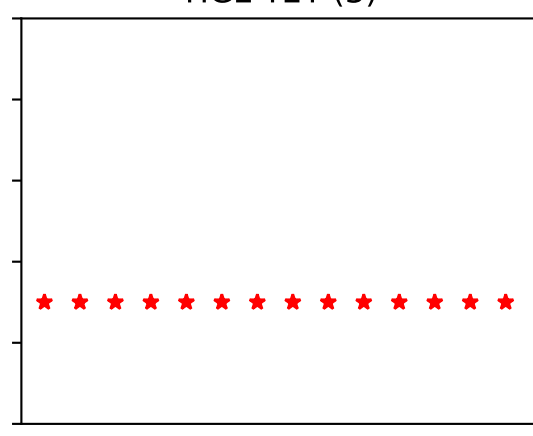
chr12:93451020-93452830 (1811bp)

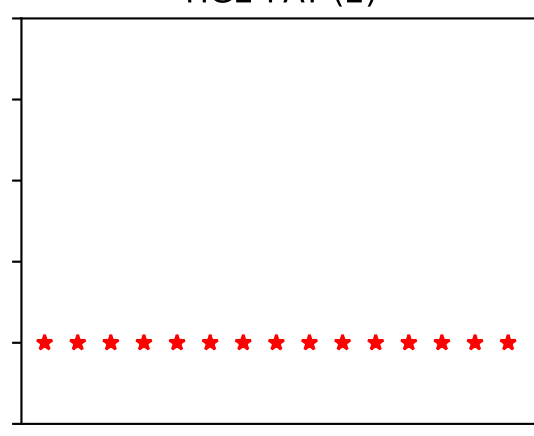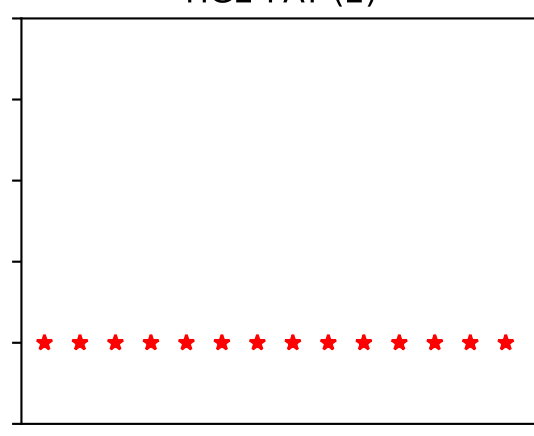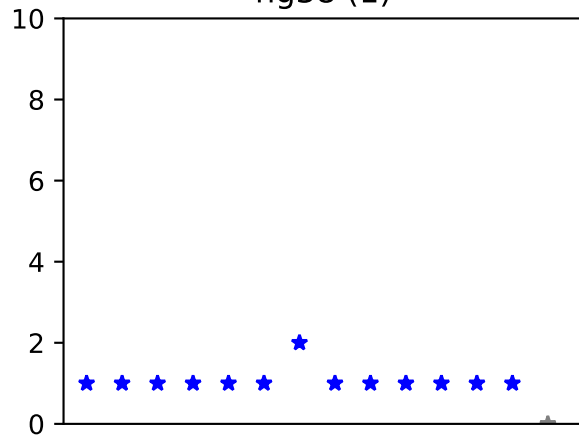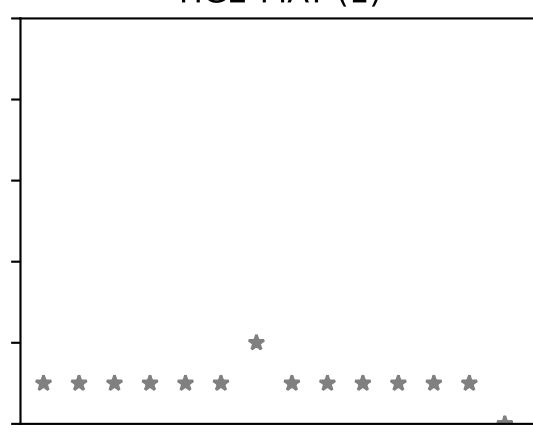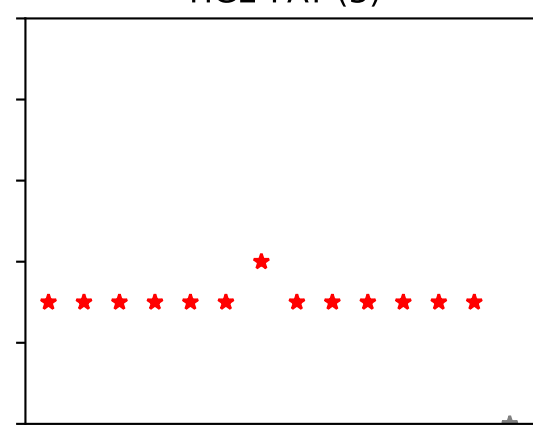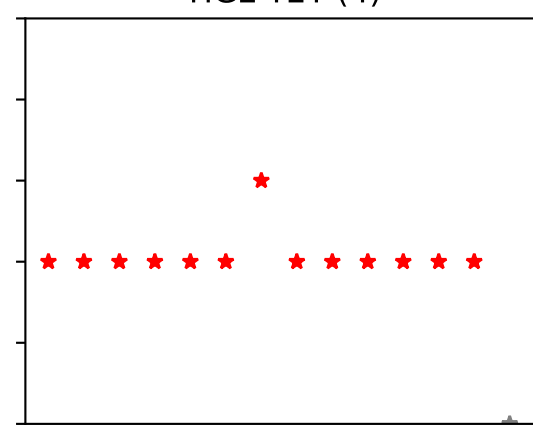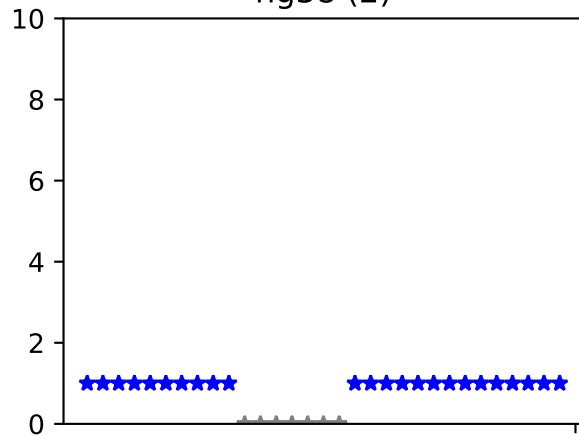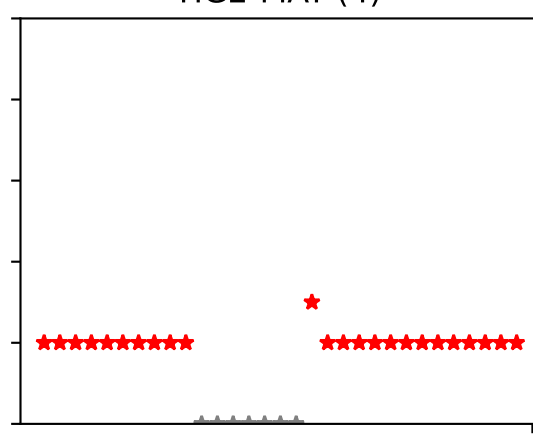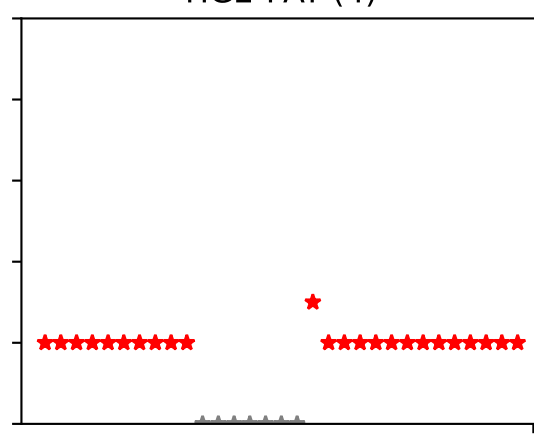hg38 (1) HG2-MAT (1) HG2-PAT (3) HG2-T2T (4)

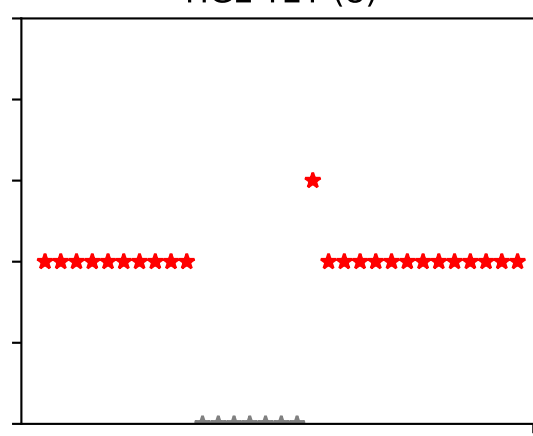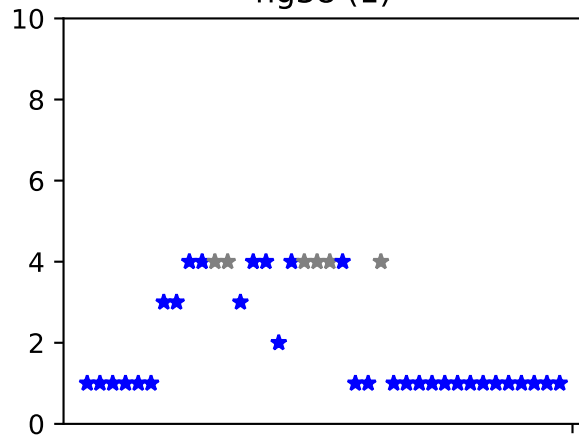chr14:16095815-16127603 (31789bp)

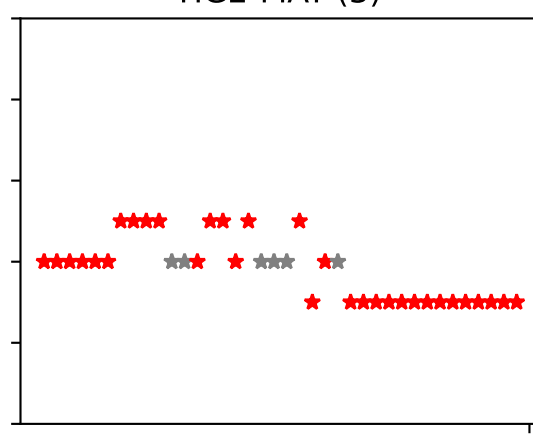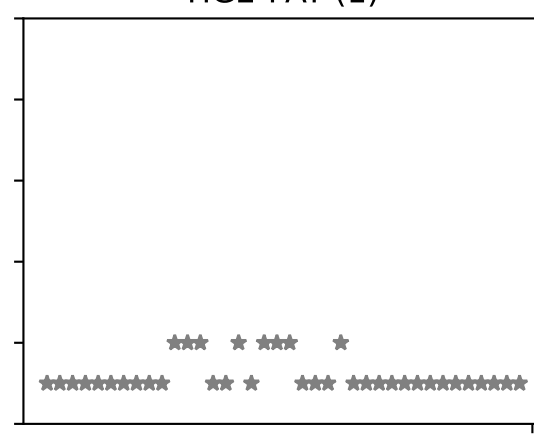hg38 (2)　　HG2-MAT (4)　　HG2-PAT (4)　　HG2-T2T (8)

chr14:18656545-18694958 (38414bp)

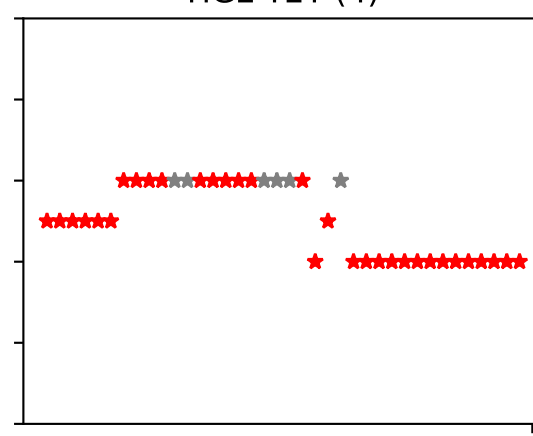chr14:19725013-19956413 (231401bp)
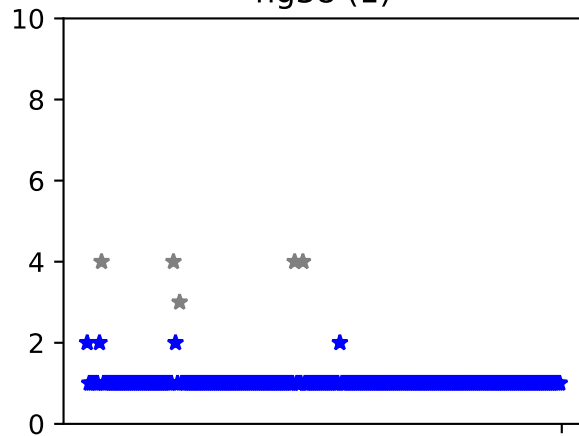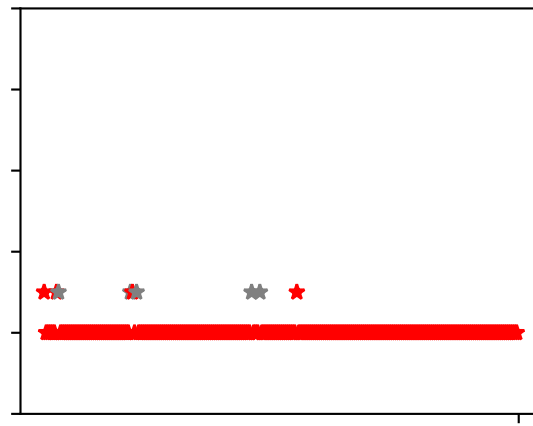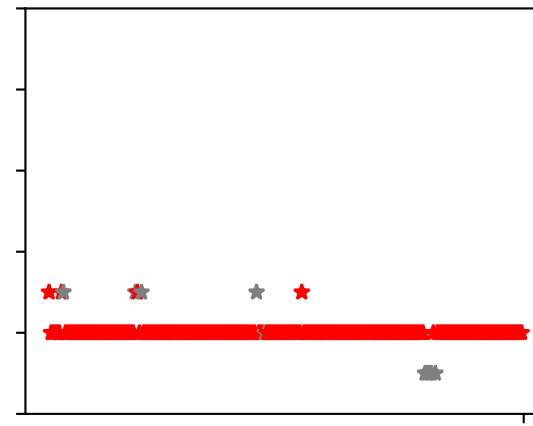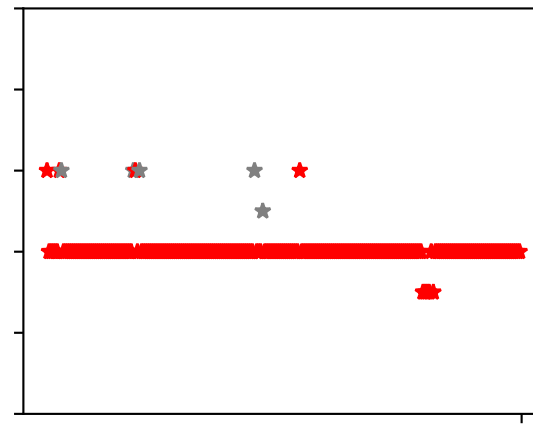
chr14:105616092-105632532 (16441bp)
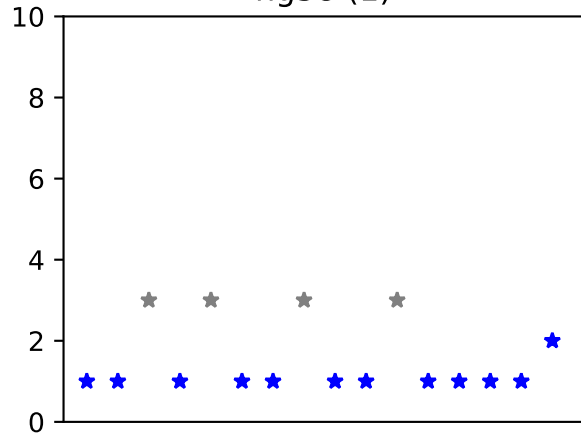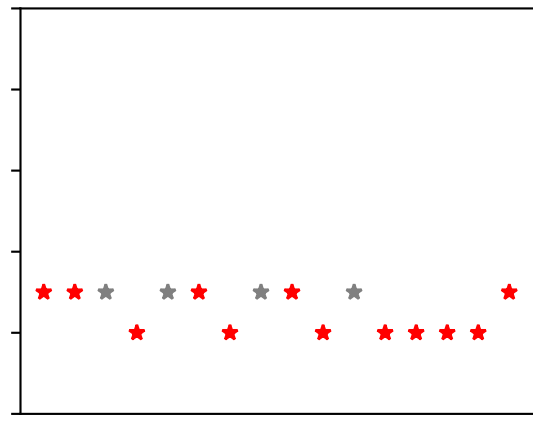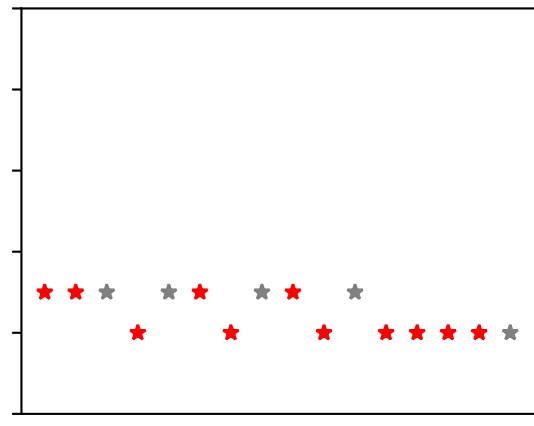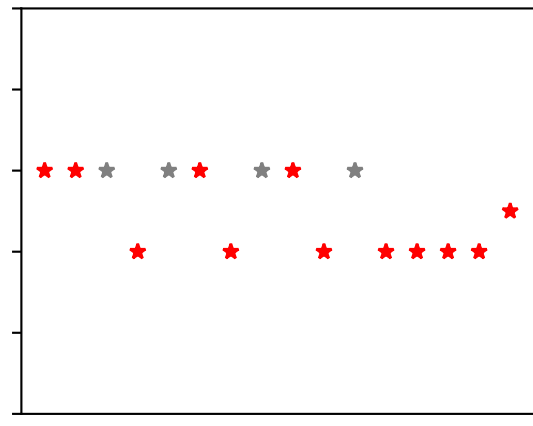
chr15:20212550-20376210 (163661bp)
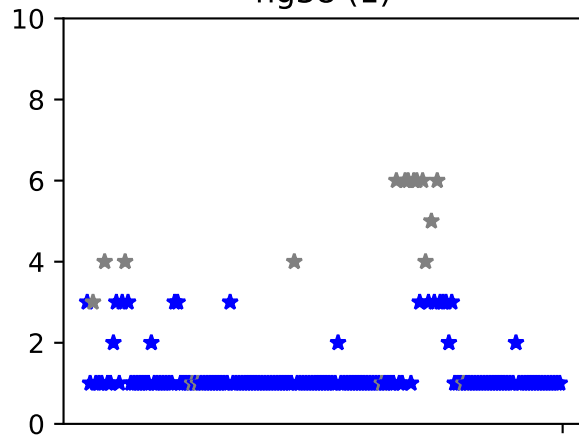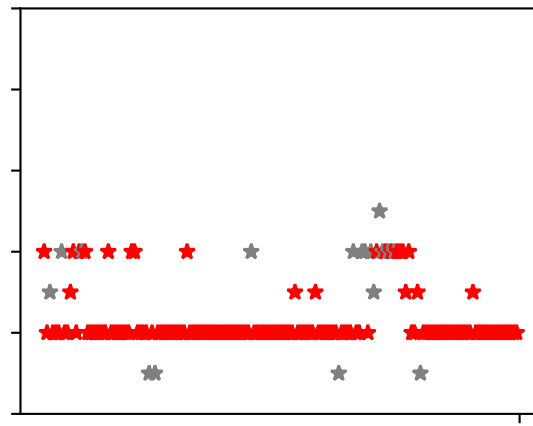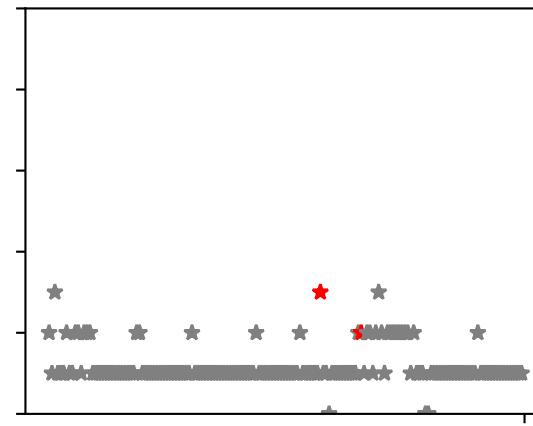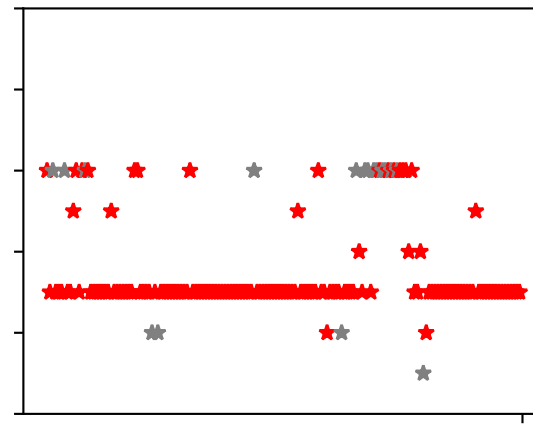
chr15:20384360-20421468 (37109bp)
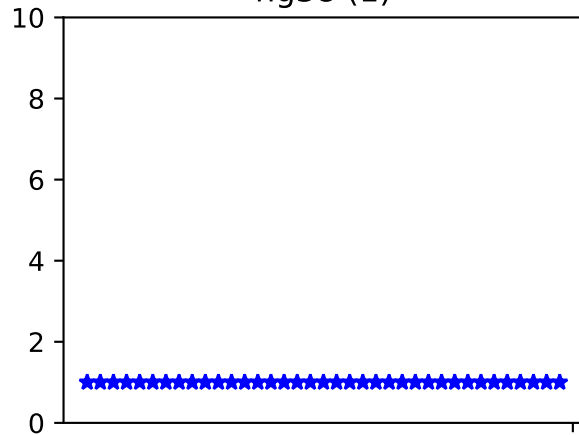
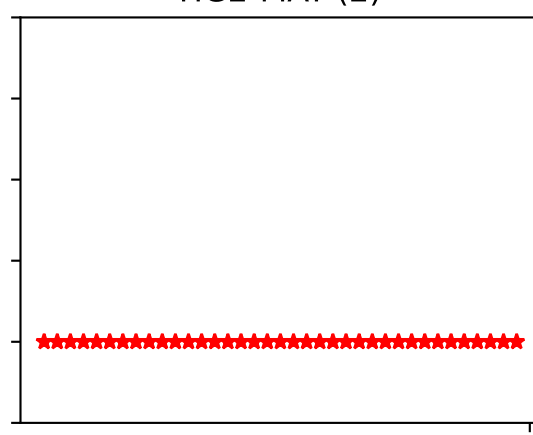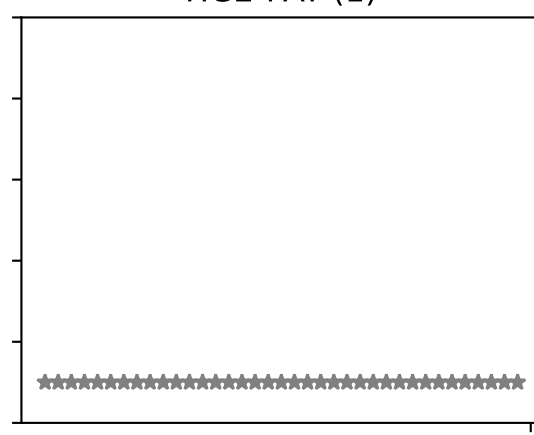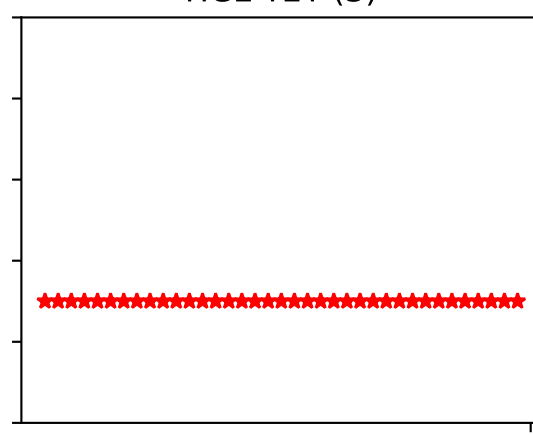chr15:20645359-20673571 (28213bp)
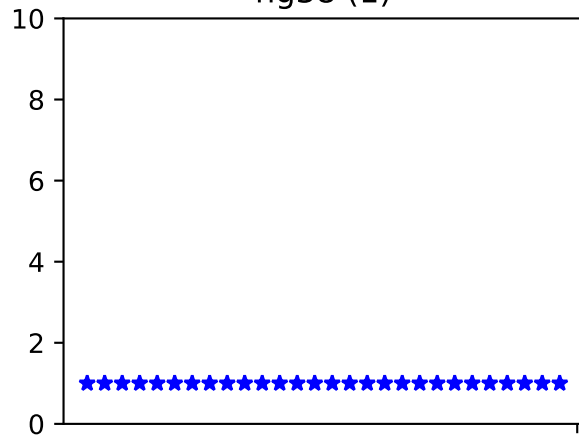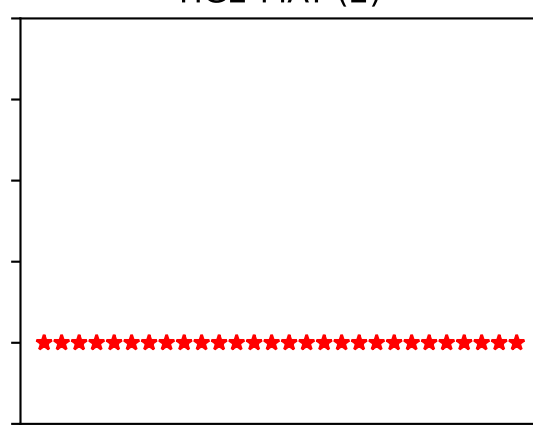
chr15:21259041-21272032 (12992bp)
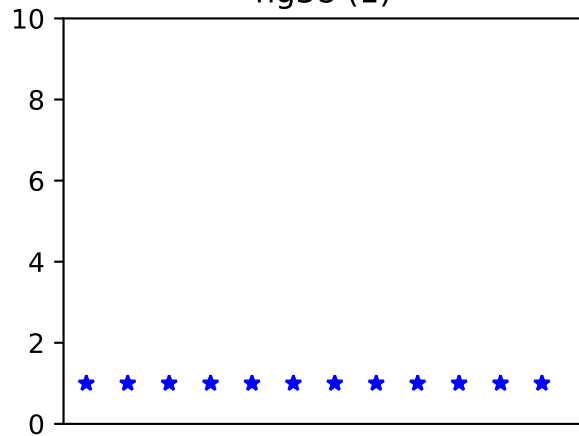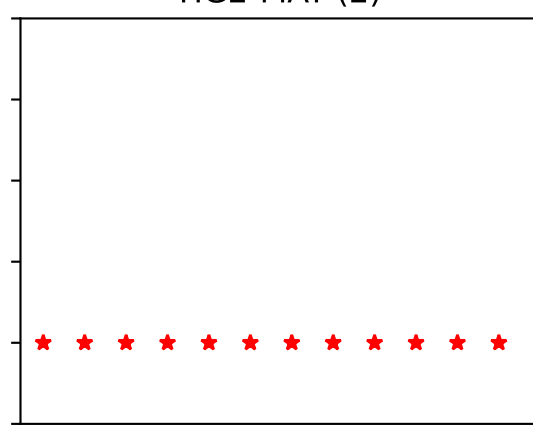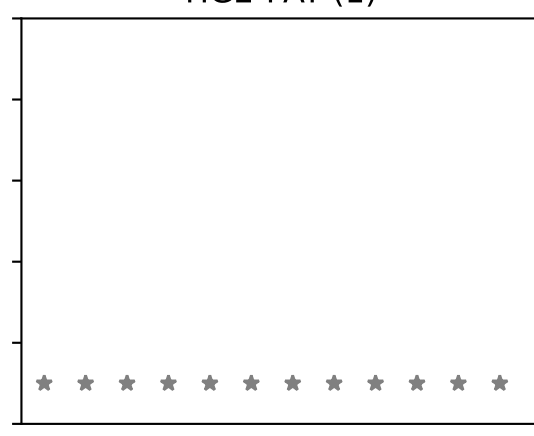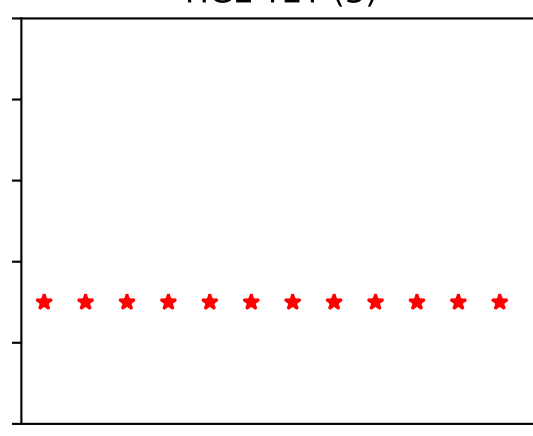
chr15:23047135-23049846 (2712bp)

hg38 (1)   HG2-MAT (3)   HG2-PAT (1)   HG2-T2T (4)

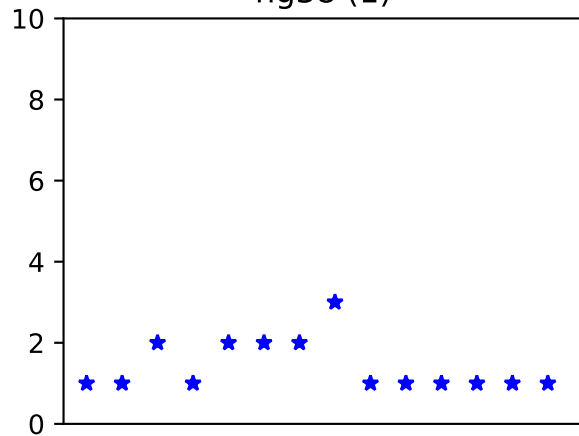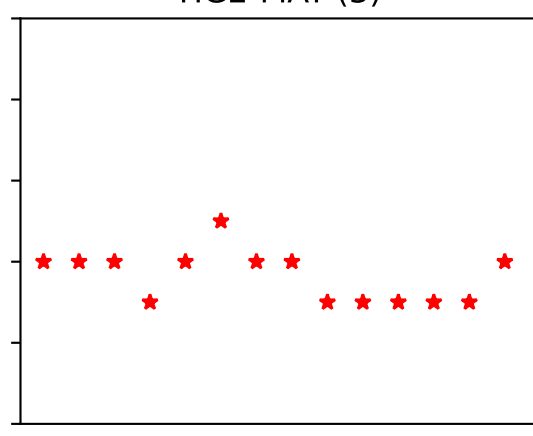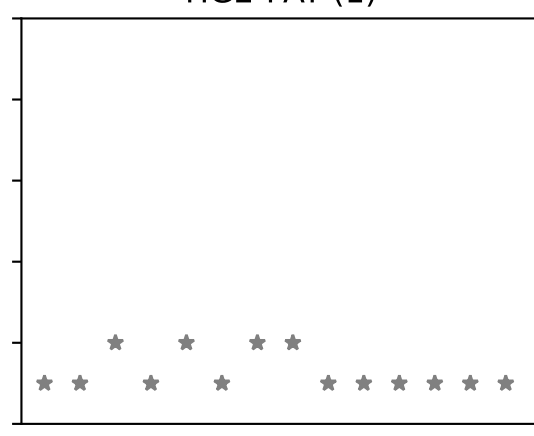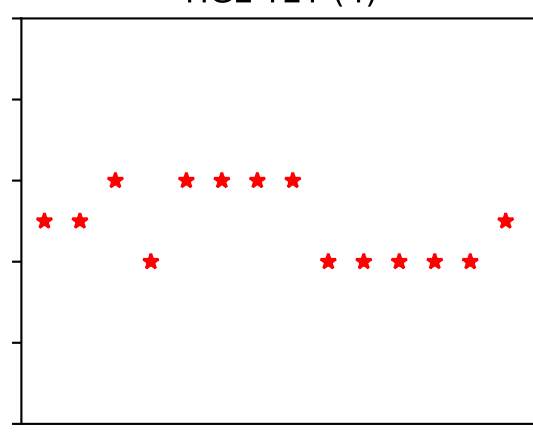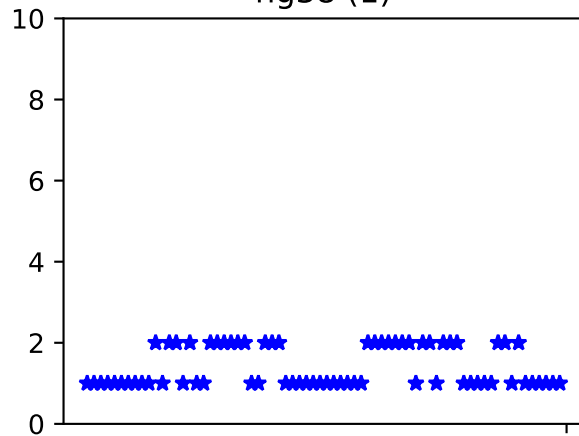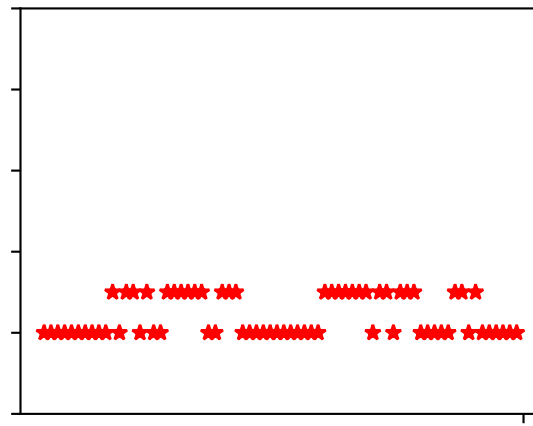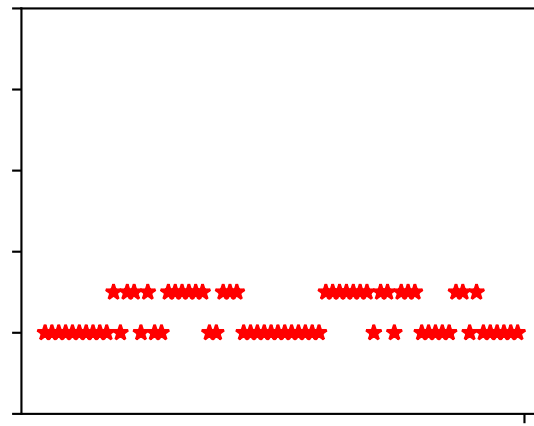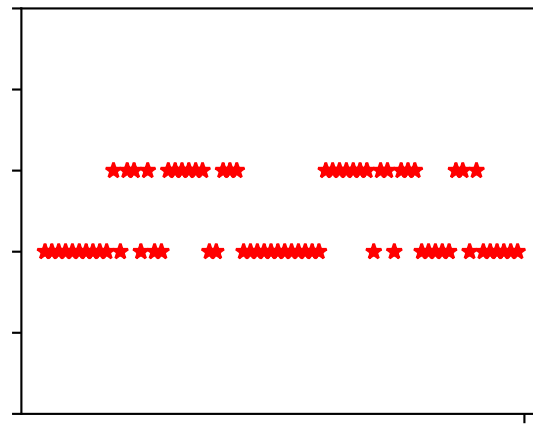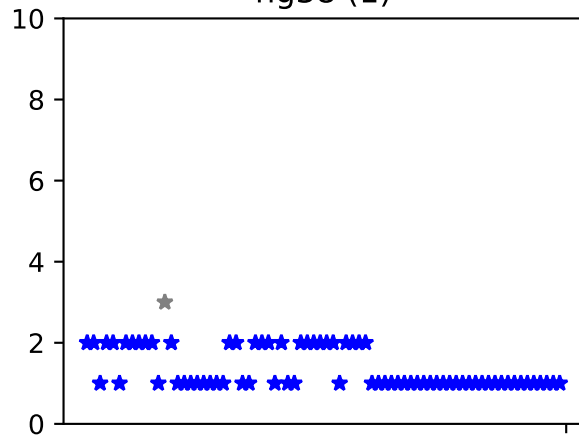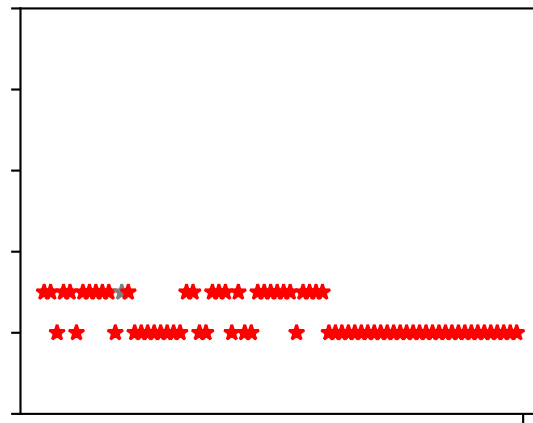chr16:14955579-15026070 (70492bp)
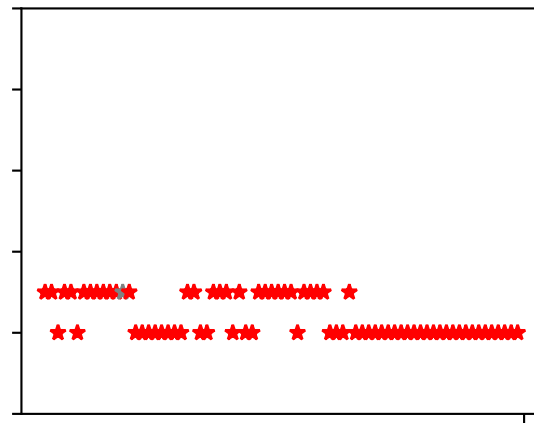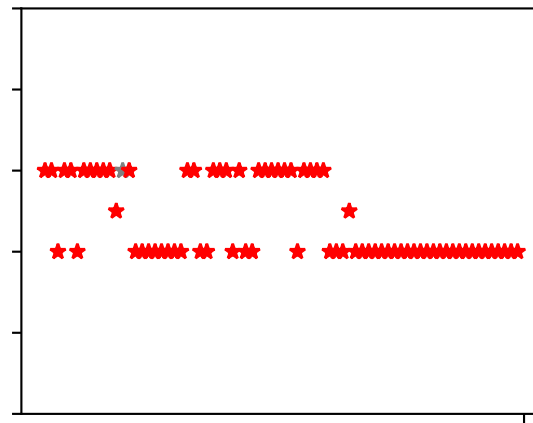
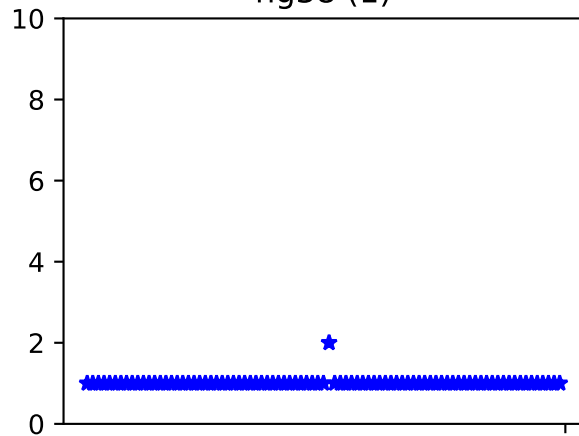chr16:21508511-21583073 (74563bp)

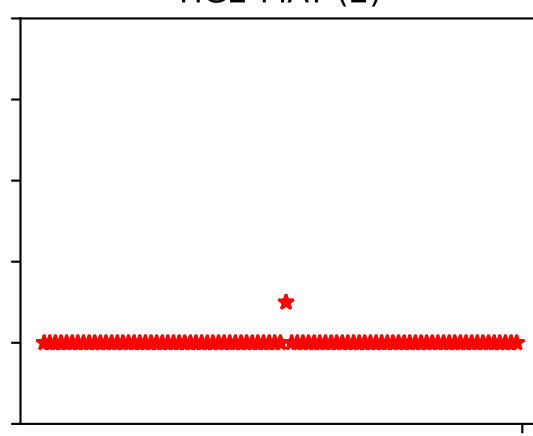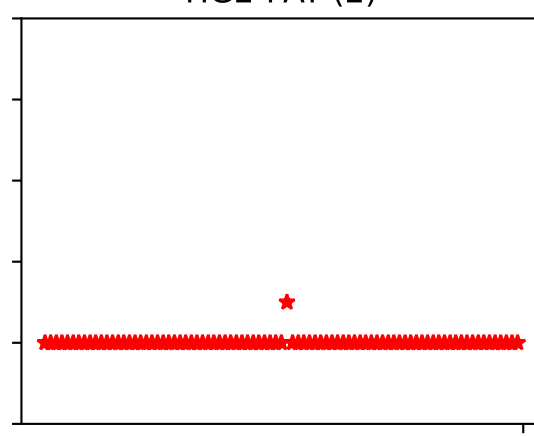hg38 (1)   HG2-MAT (2)   HG2-PAT (2)   HG2-T2T (4)
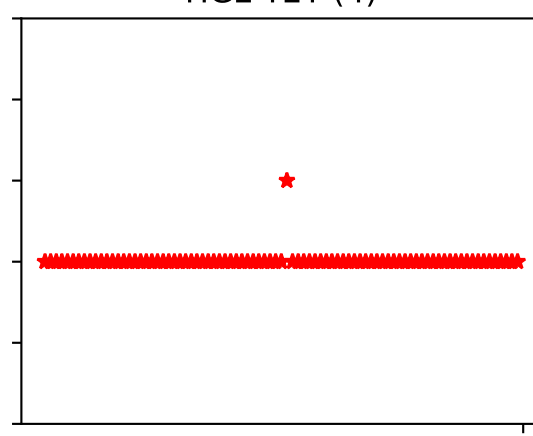
chr16:22614542-22699638 (85097bp)

chr16:70149443-70163608 (14166bp)
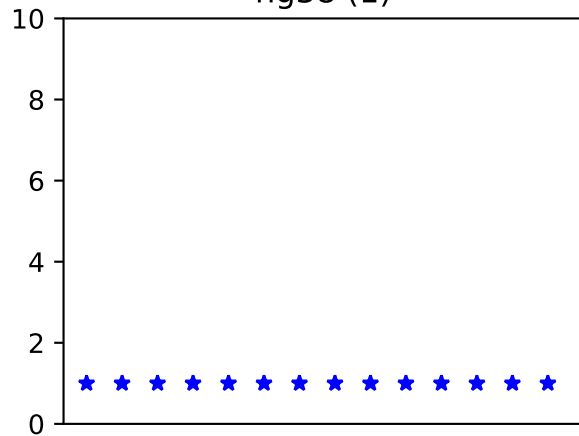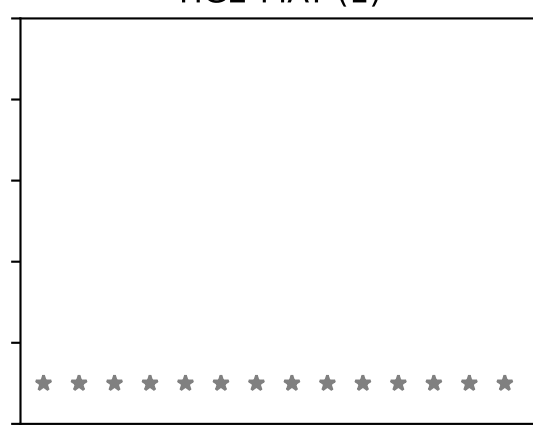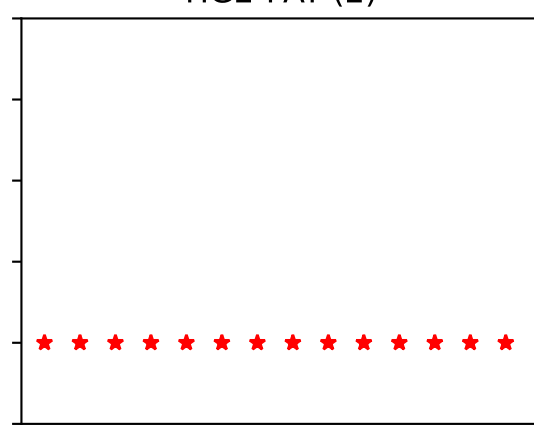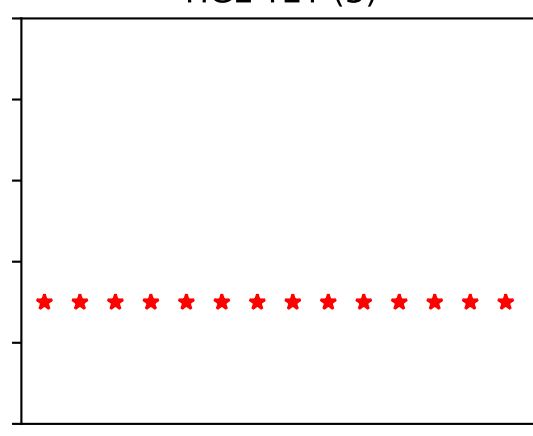
chr17:21661223-21677785 (16563bp)
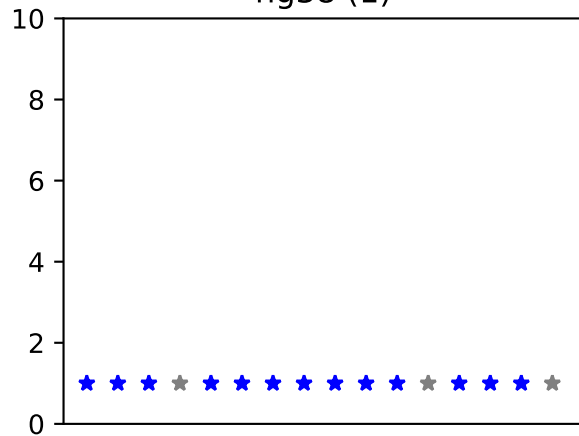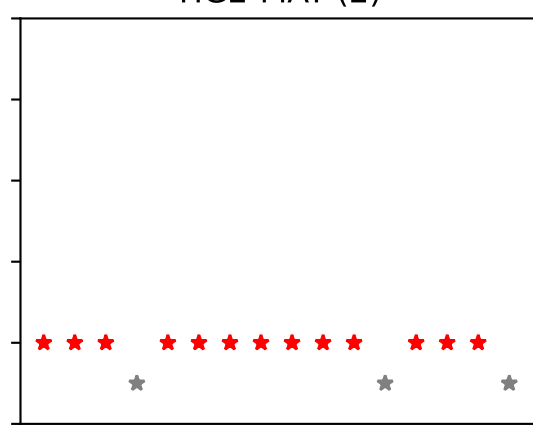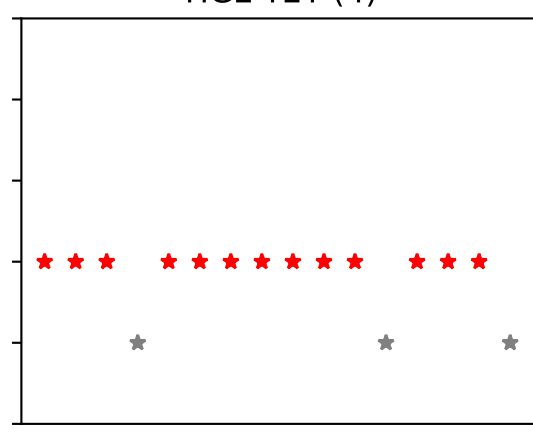
chr17:21815040-21825911 (10872bp)
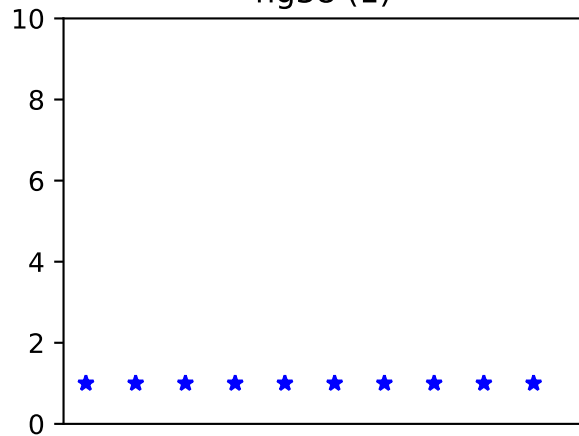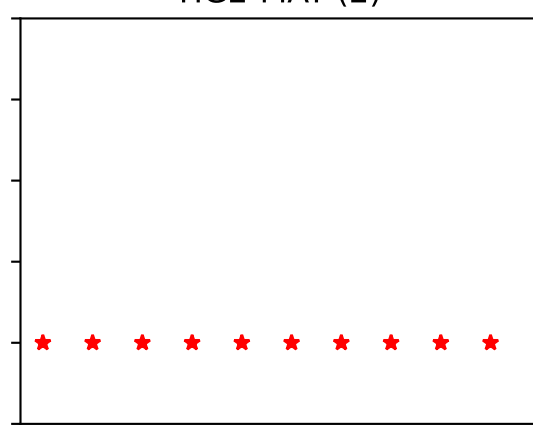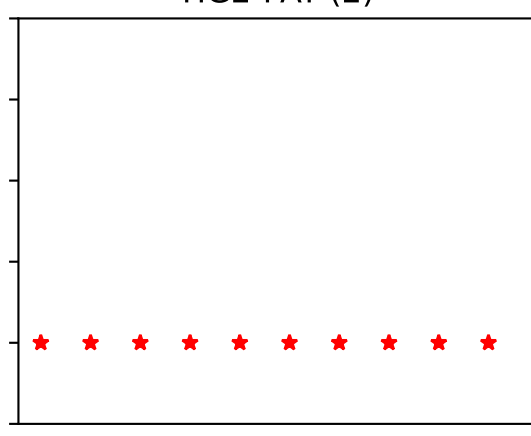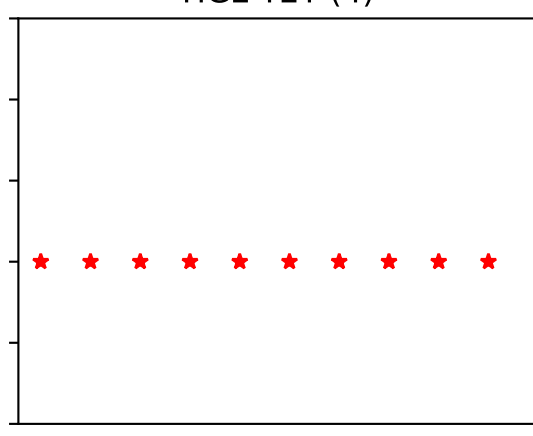
chr17:45572503-45585288 (12786bp)
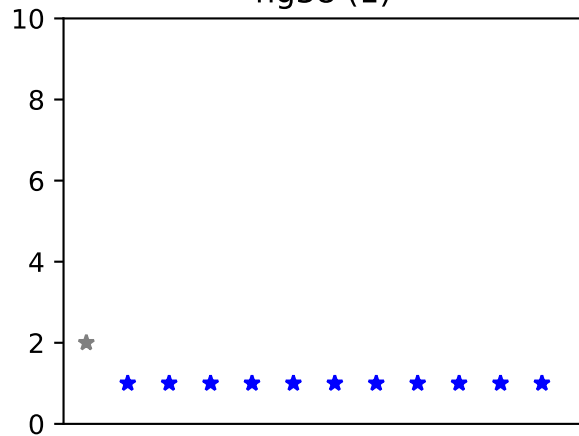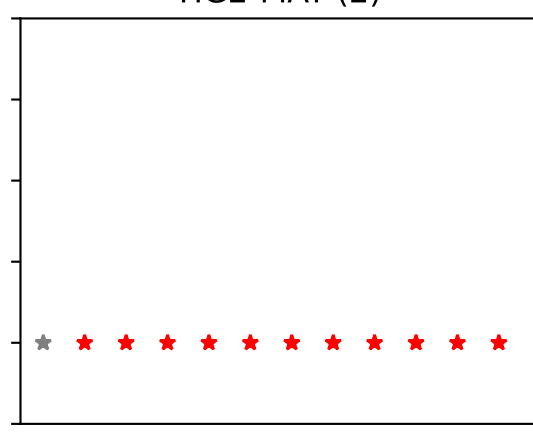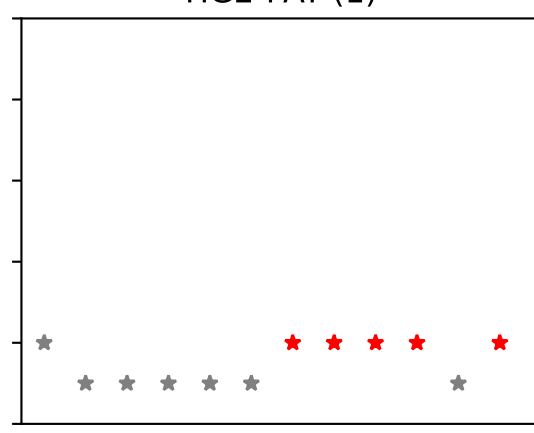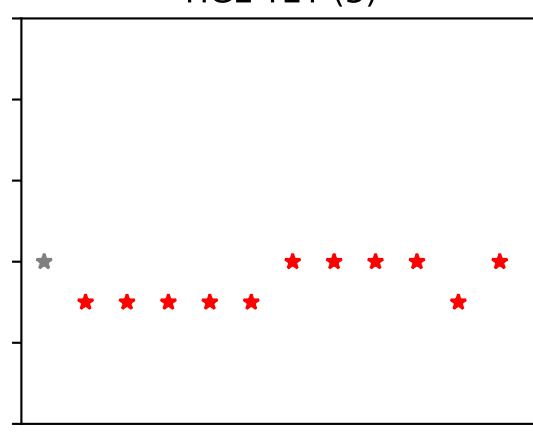
chr17:46135409-46292238 (156830bp)
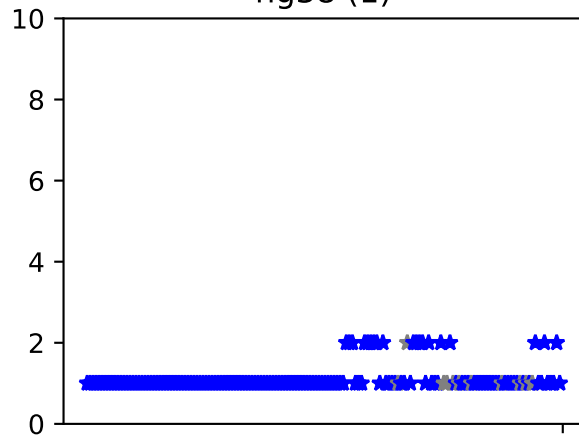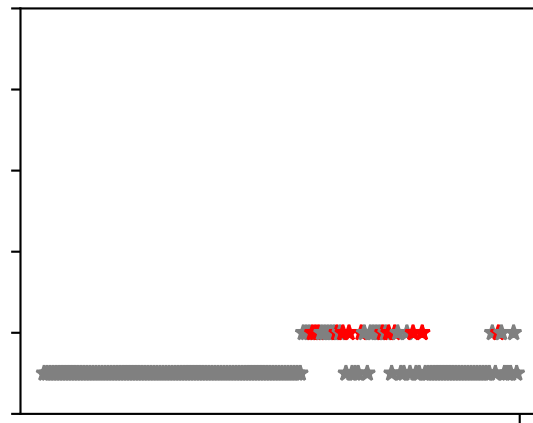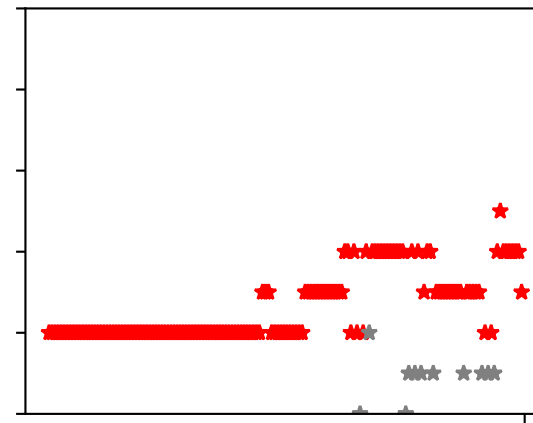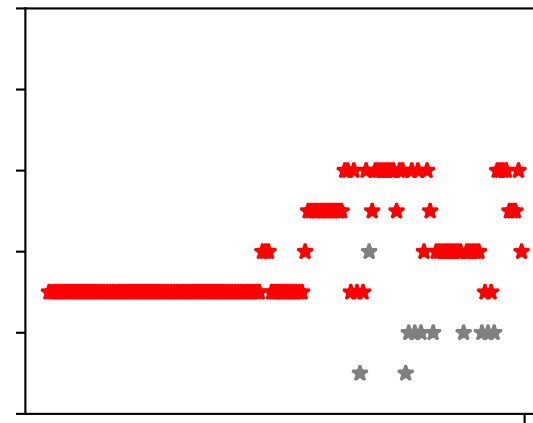
chr17:46135409-46282220 (146812bp)
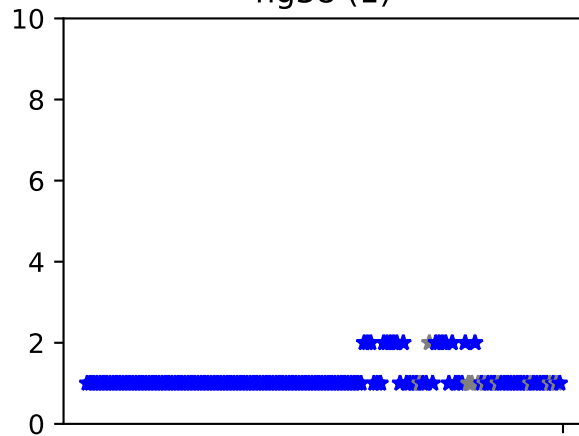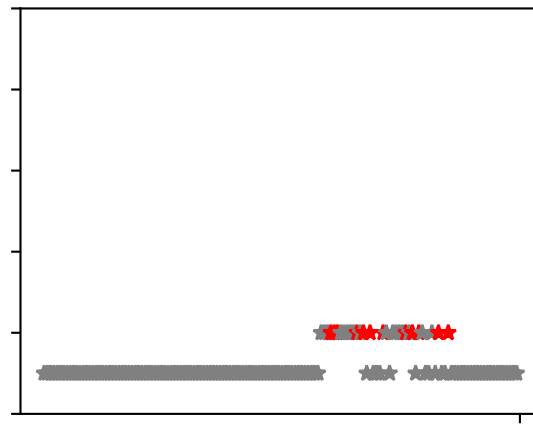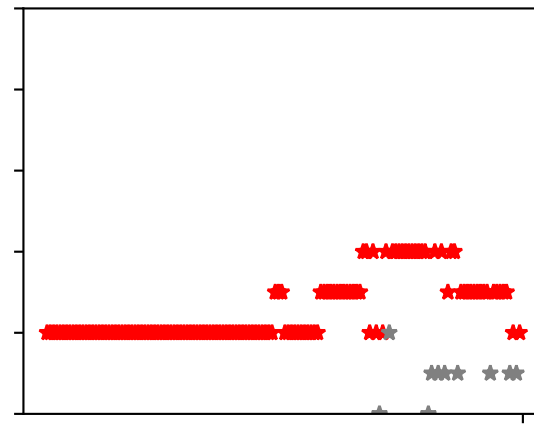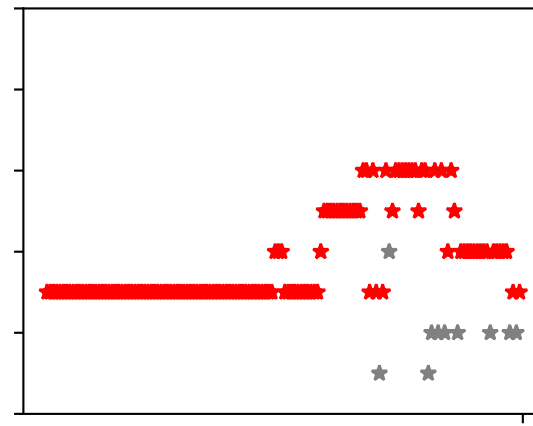
chr17:46205463-46208952 (3490bp)
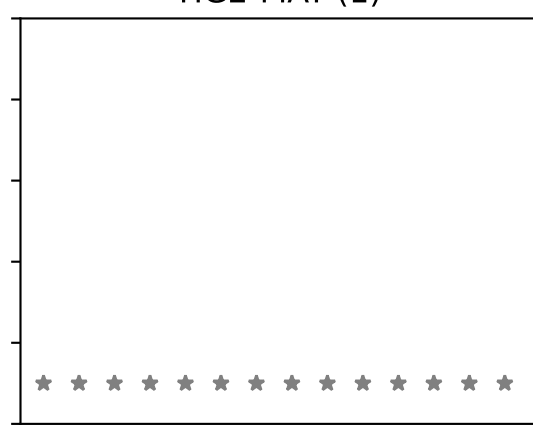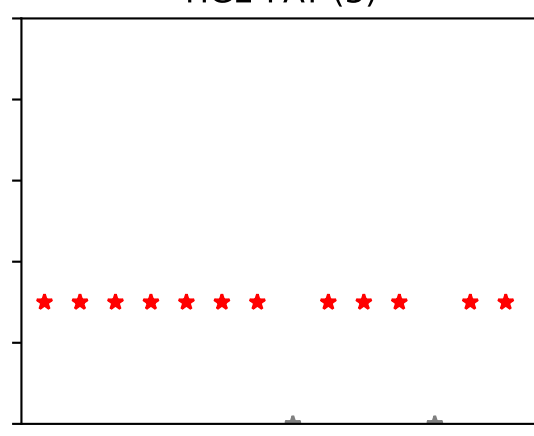
chr19:5849780-5851939 (2160bp)
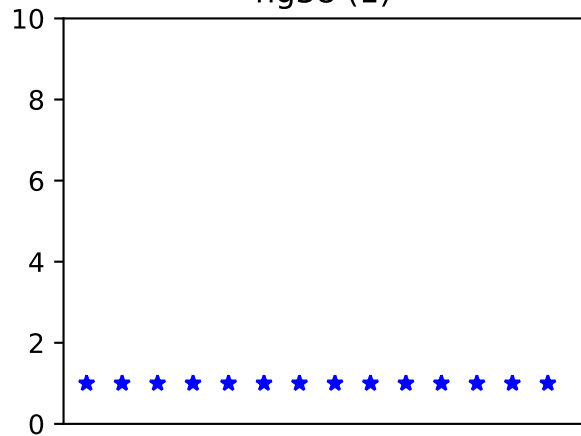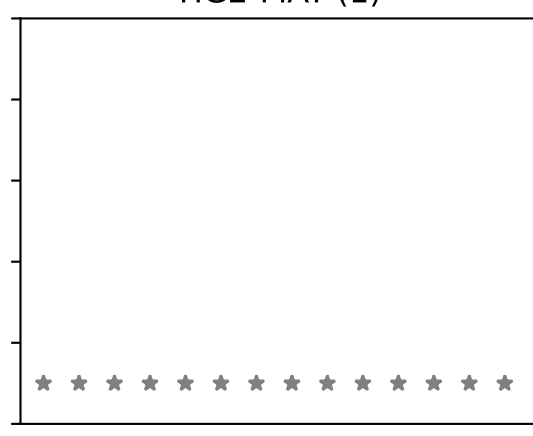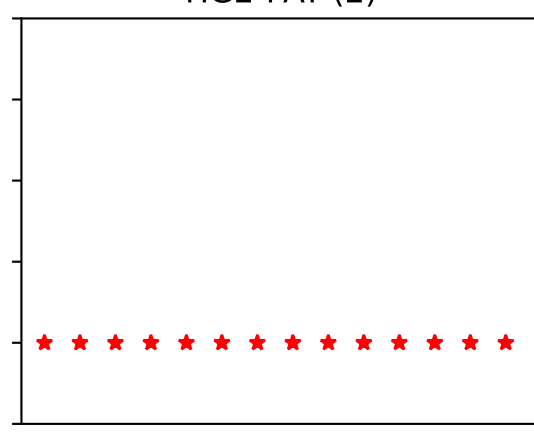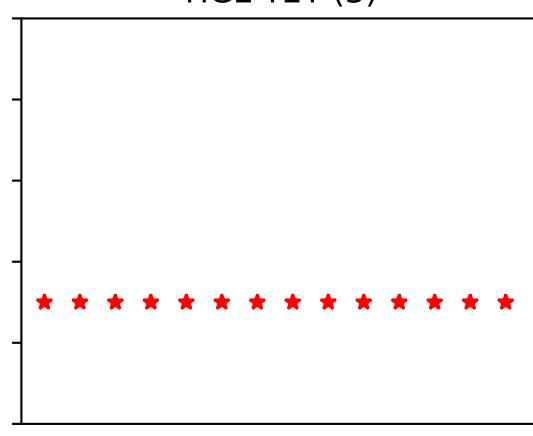
chr19:24330002-24405855 (75854bp)

hg38 (1)   HG2-MAT (2)   HG2-PAT (2)   HG2-T2T (4)
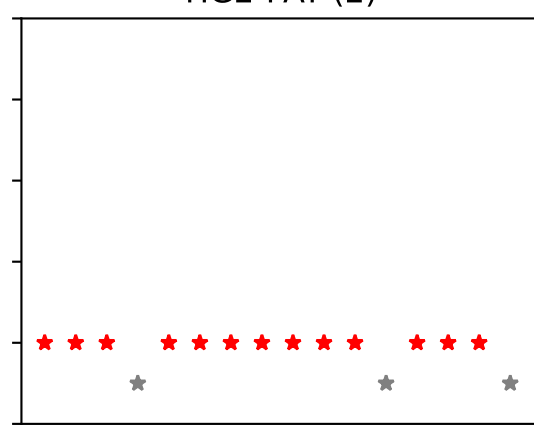
chr19:37788498-37789596 (1099bp)

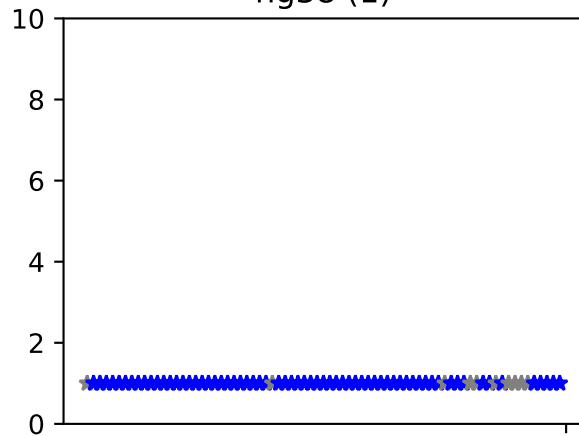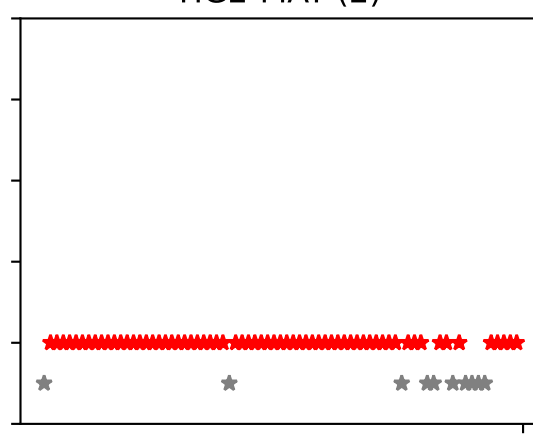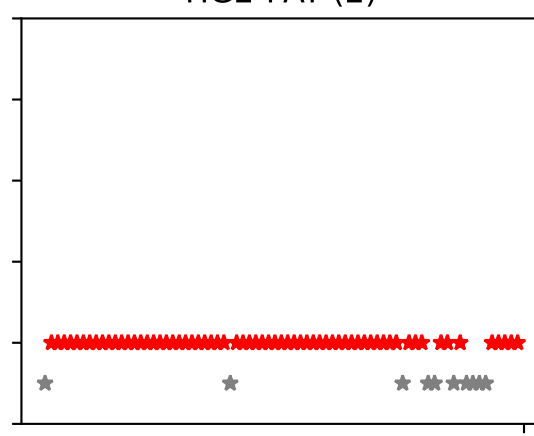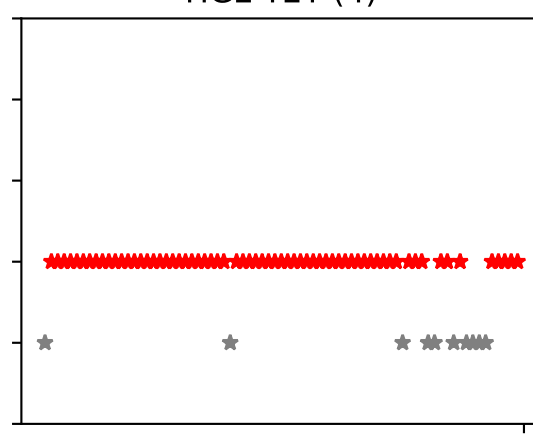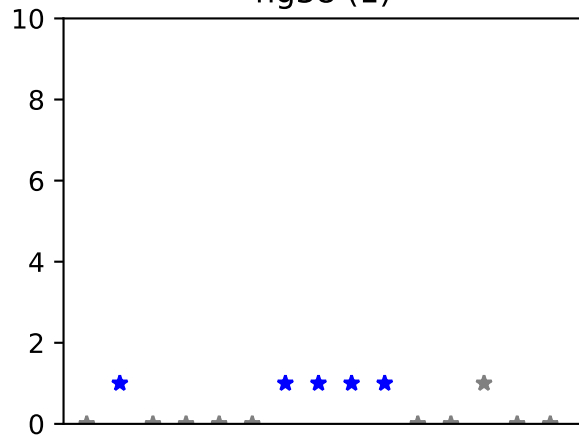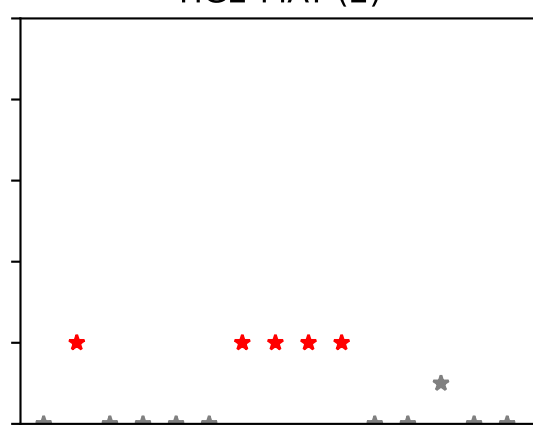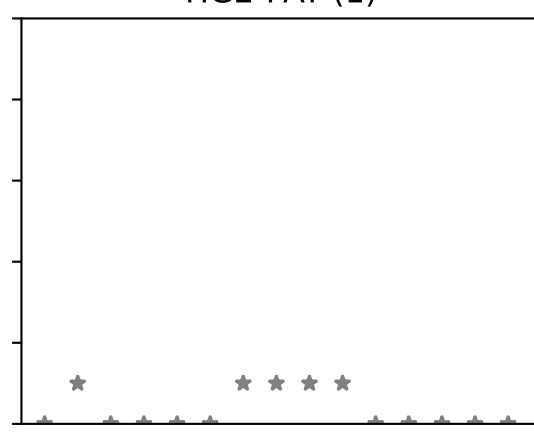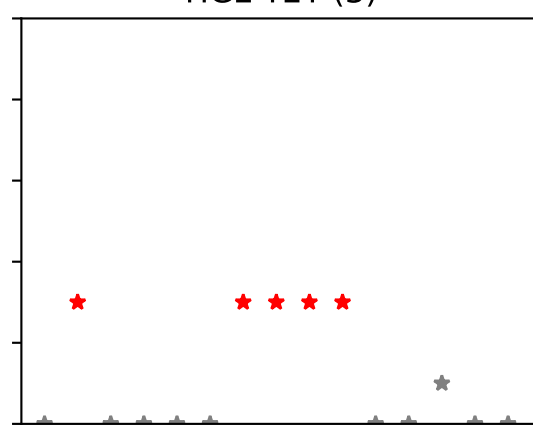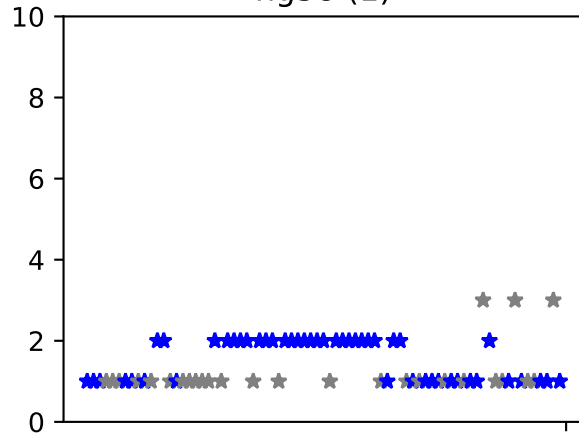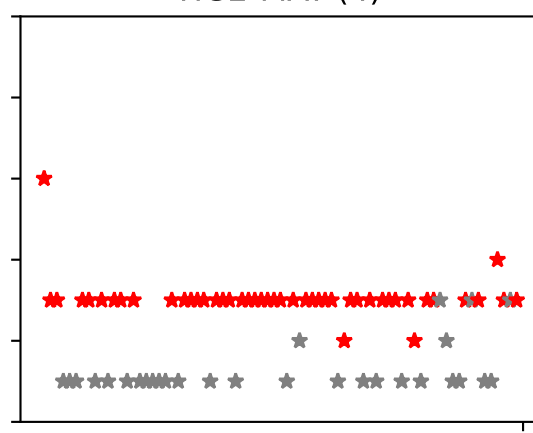hg38 (1)   HG2-MAT (2)   HG2-PAT (1)   HG2-T2T (3)

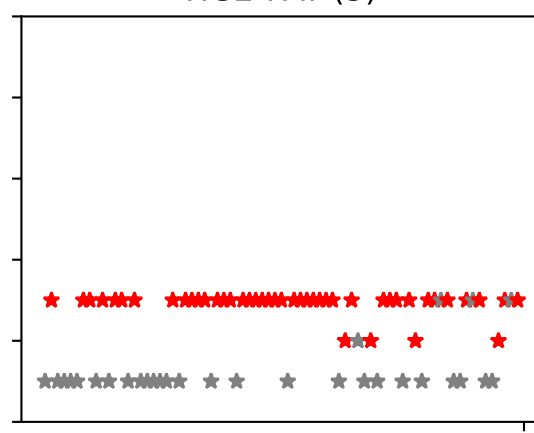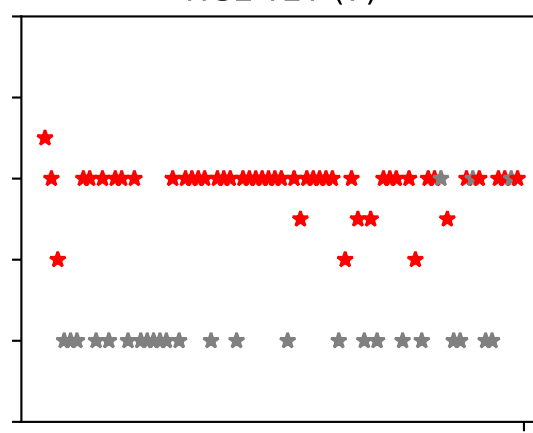chr20:28556315-28631378 (75064bp)

chr20:28769370-28771412 (2043bp)
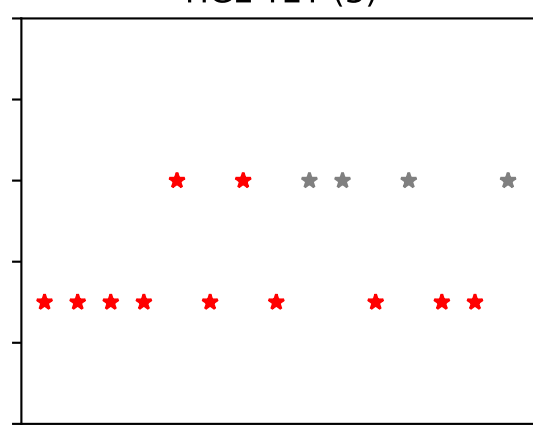
chr20:29253752-29256190 (2439bp)
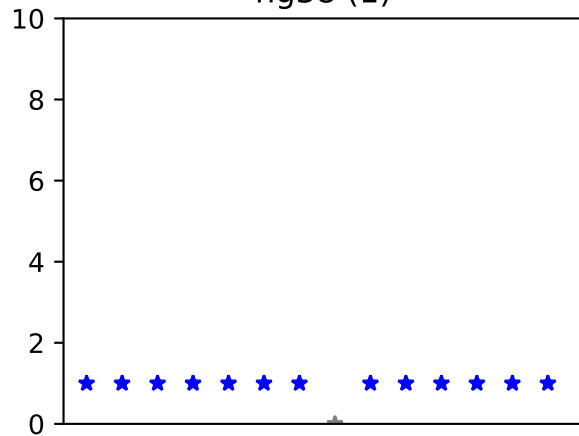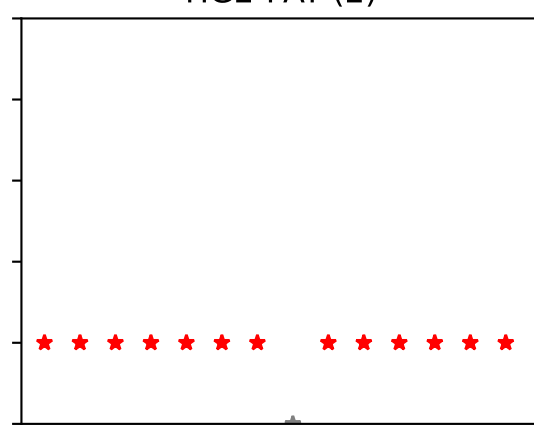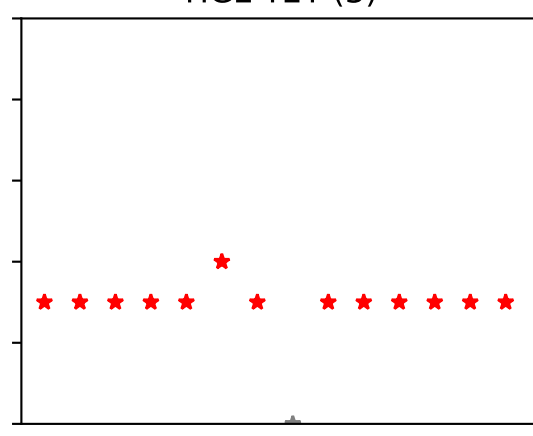
chr20:29256956-29260879 (3924bp)

hg38 (1)   HG2-MAT (1)   HG2-PAT (2)   HG2-T2T (3)
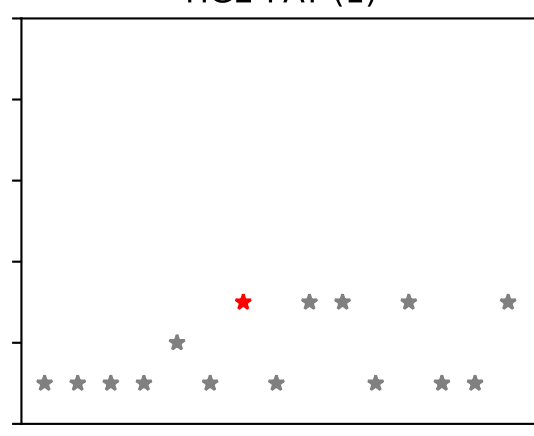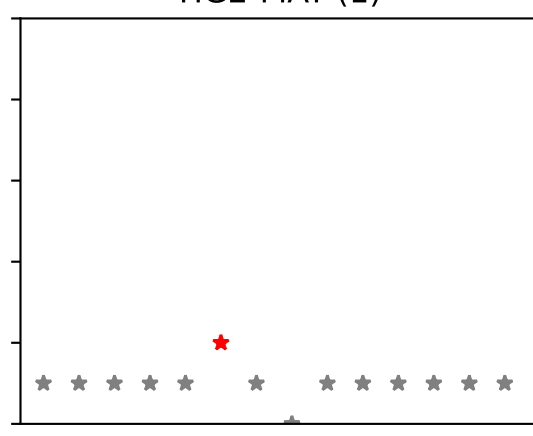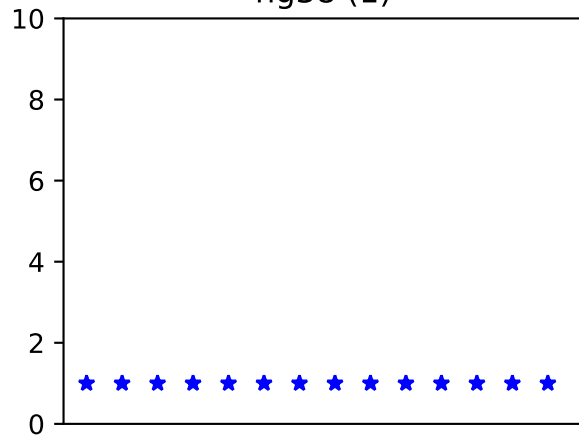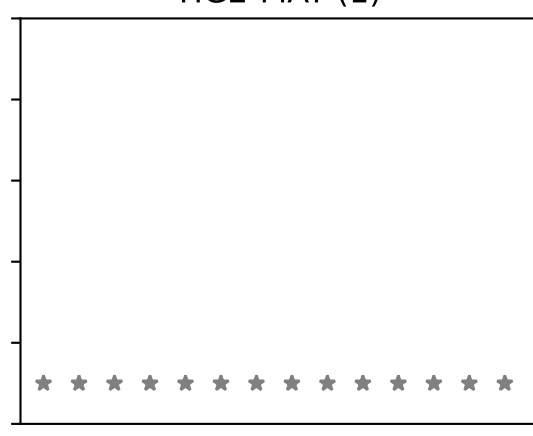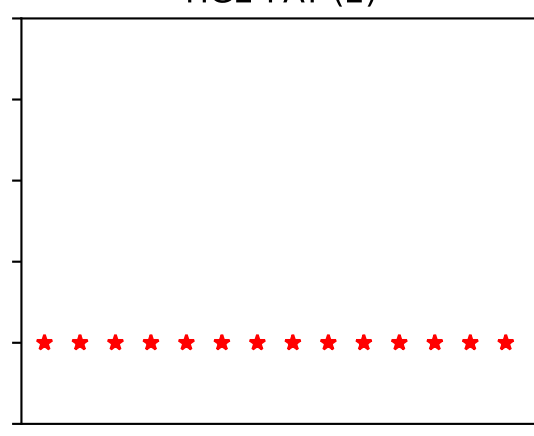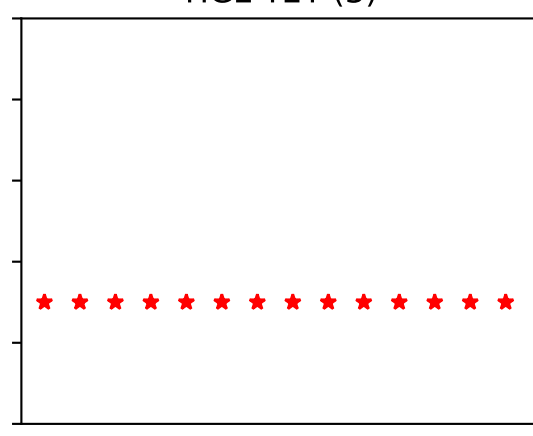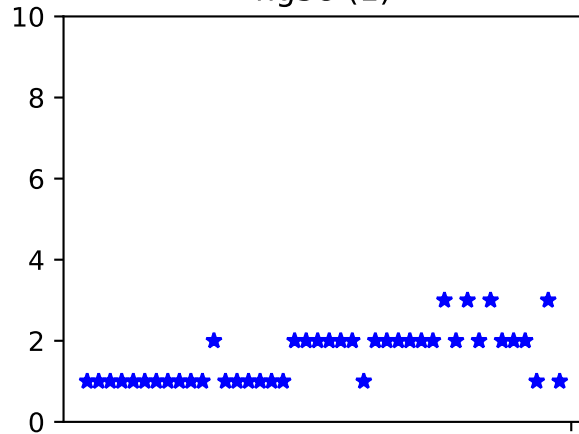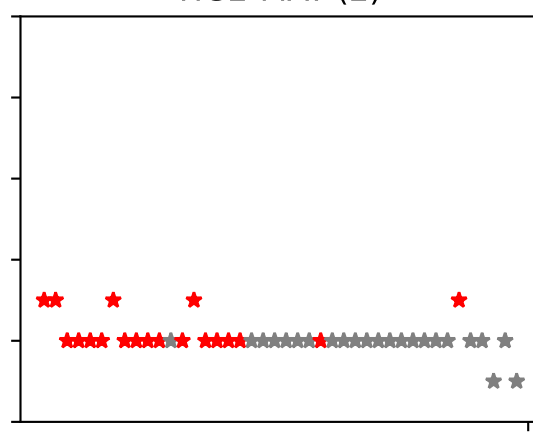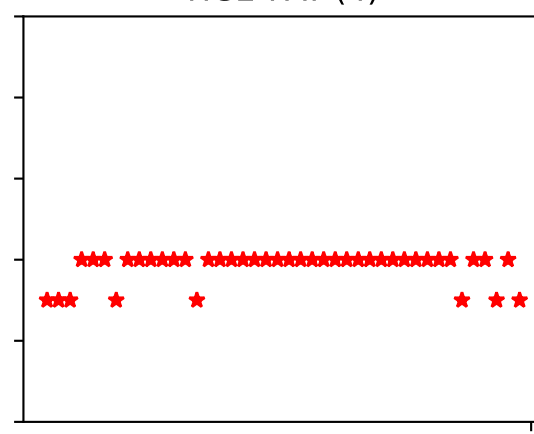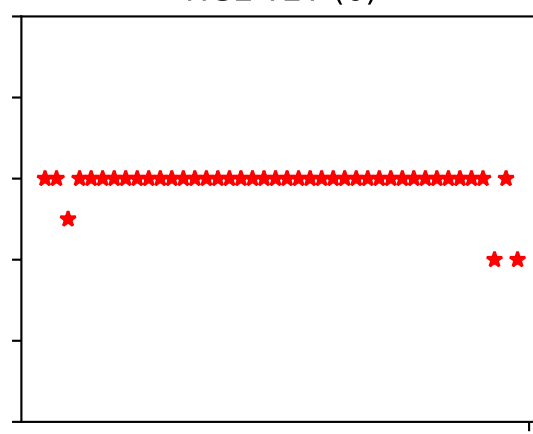
chr21:8998786-9041715 (42930bp)

chr21:10325000-10467307 (142308bp)
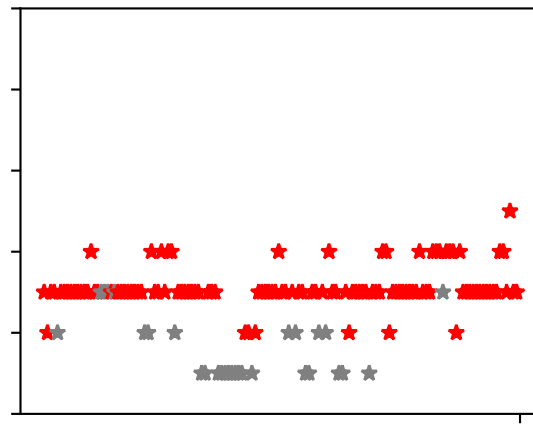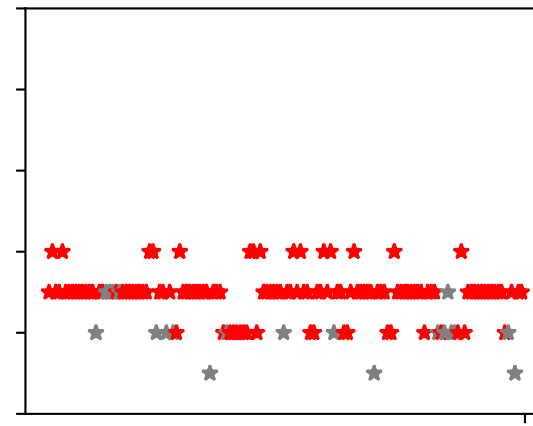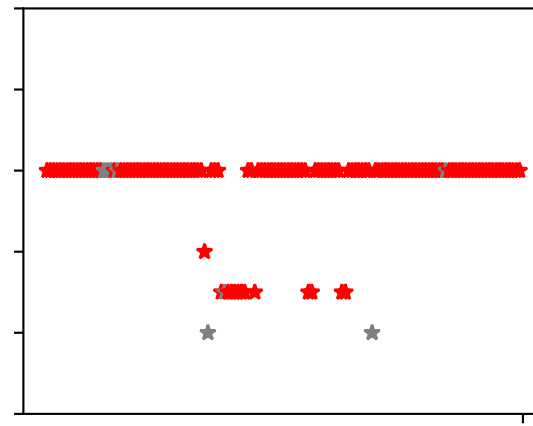
chr21:10794968-10812865 (17898bp)
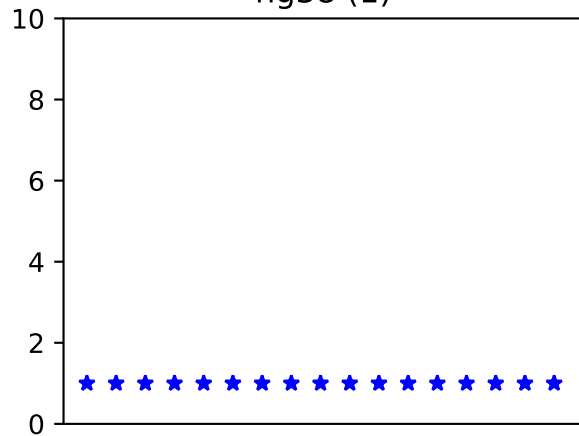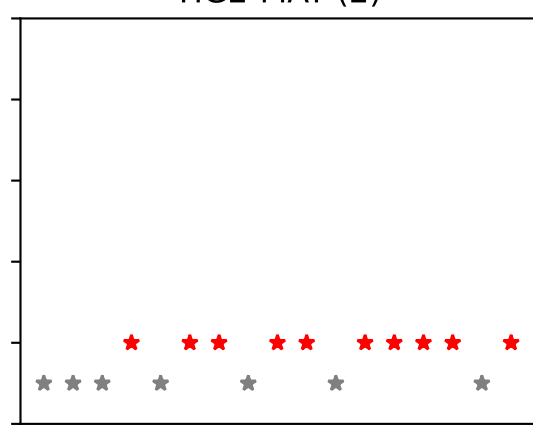
chr21:12965933-12991039 (25107bp)
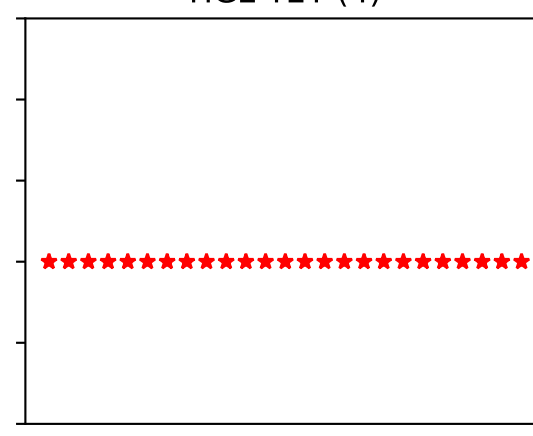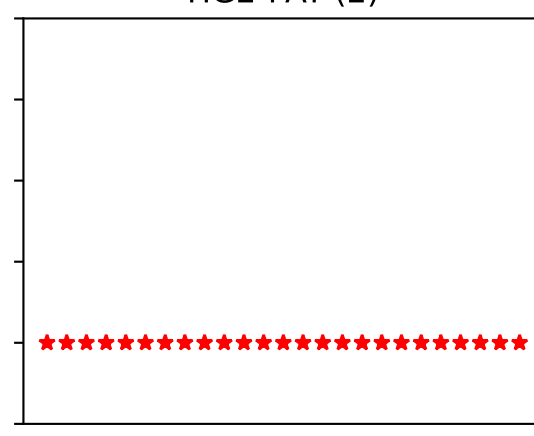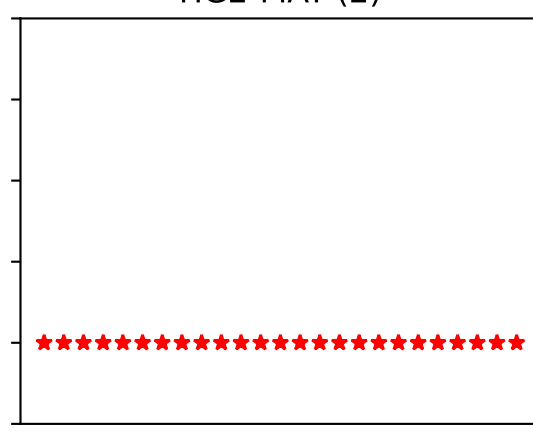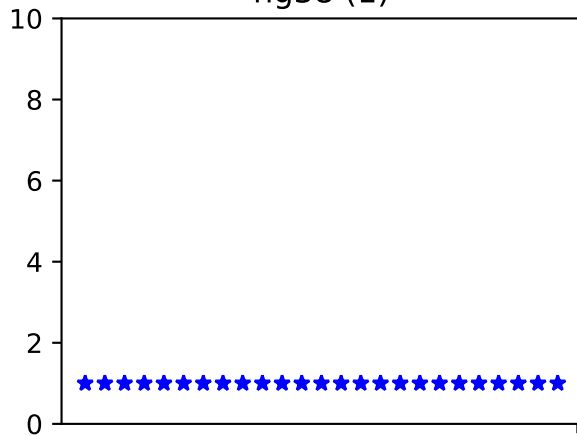
chr21:13872111-13895233 (23123bp)
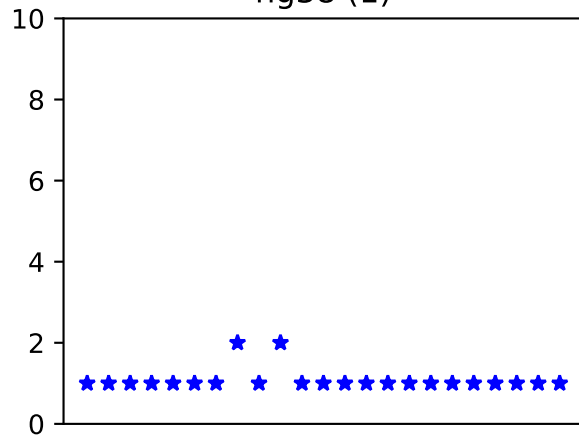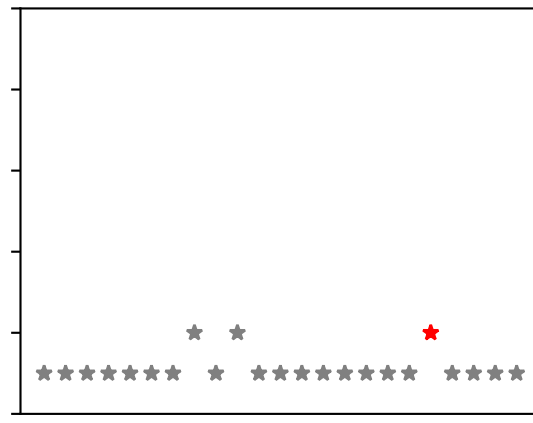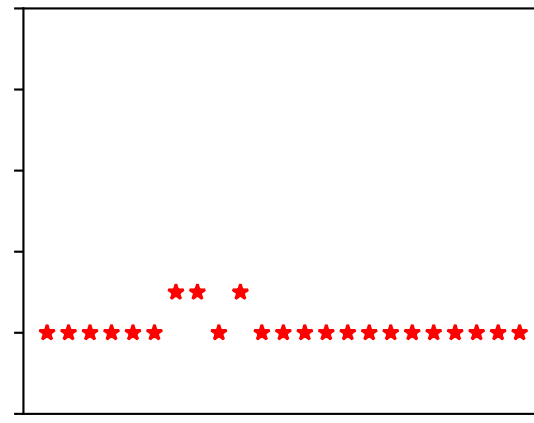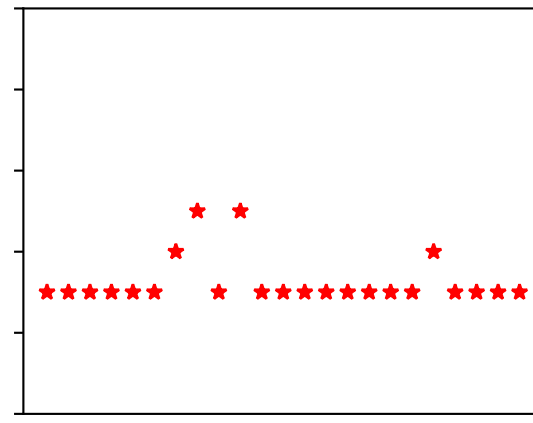
chr22:11030947-11067599 (36653bp)
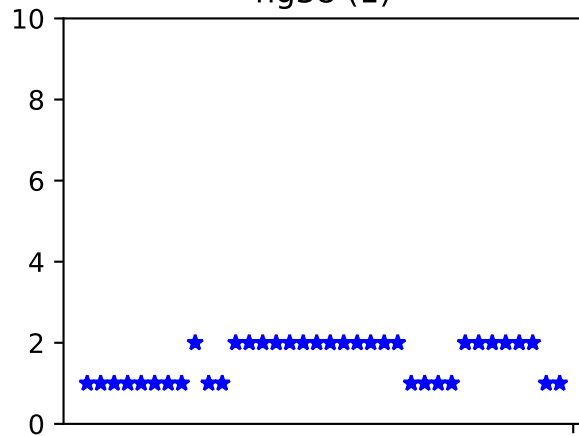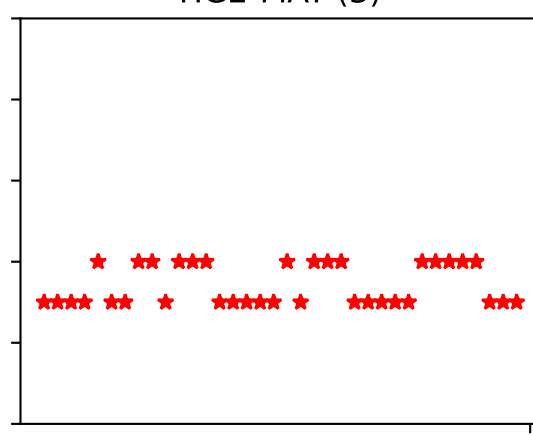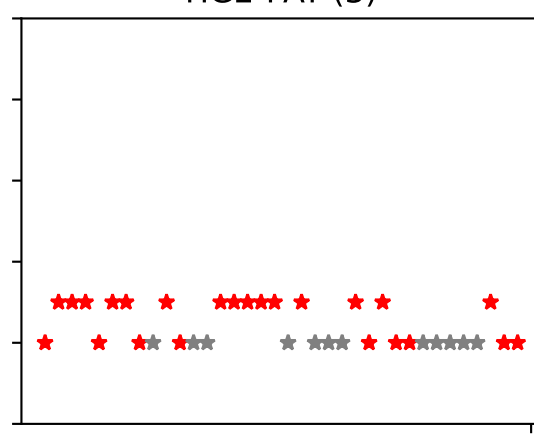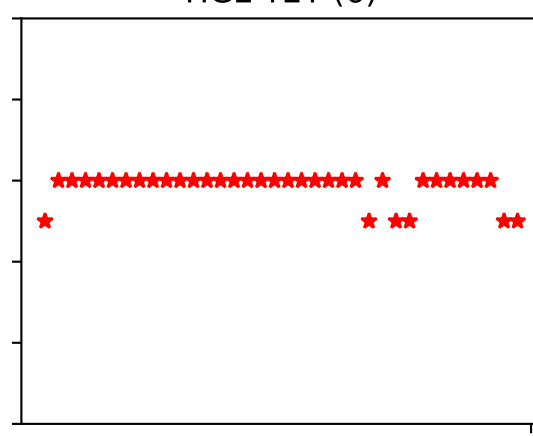
chr22:11307970-11377964 (69995bp)

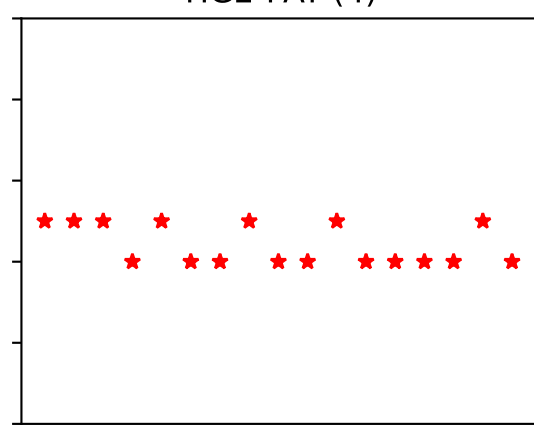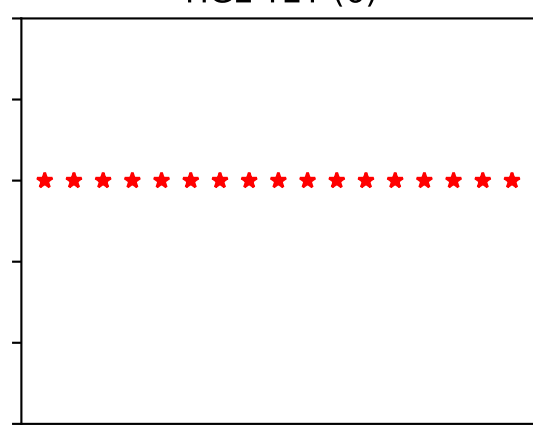hg38 (1)   HG2-MAT (2)   HG2-PAT (2)   HG2-T2T (4)

chr22:11568866-11630594 (61729bp)

hg38 (1)   HG2-MAT (2)   HG2-PAT (2)   HG2-T2T (4)
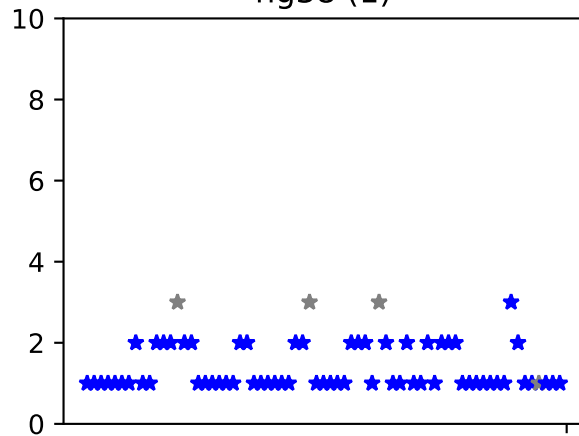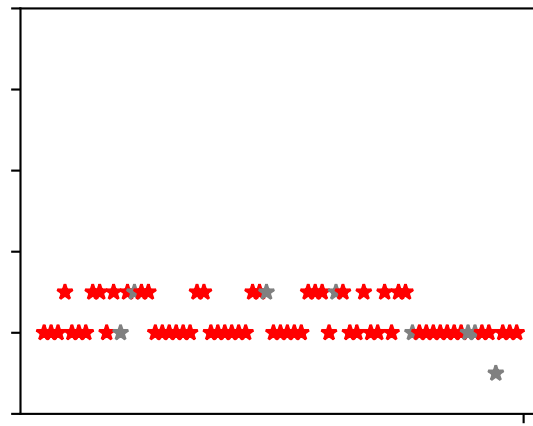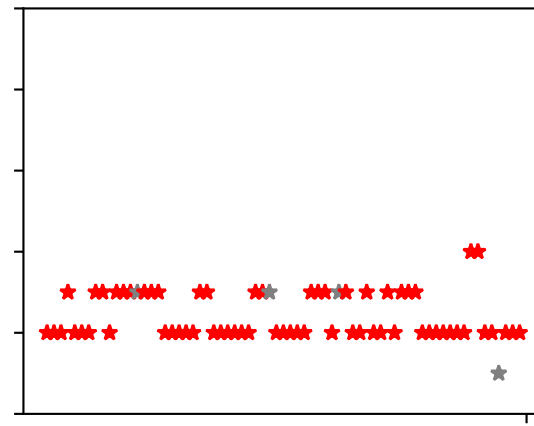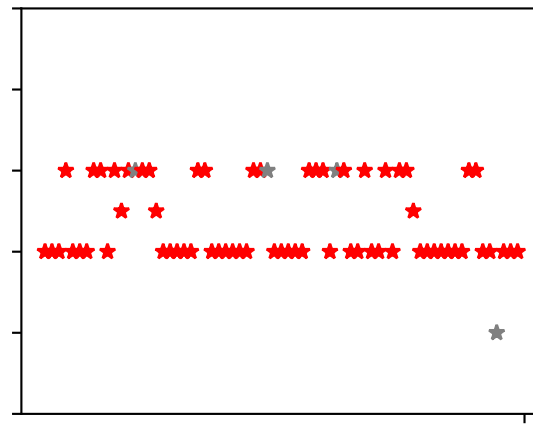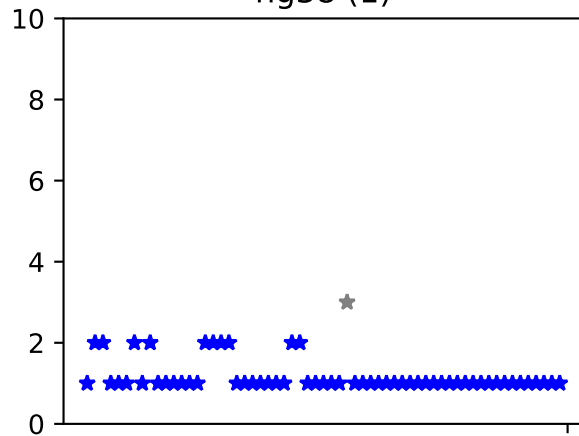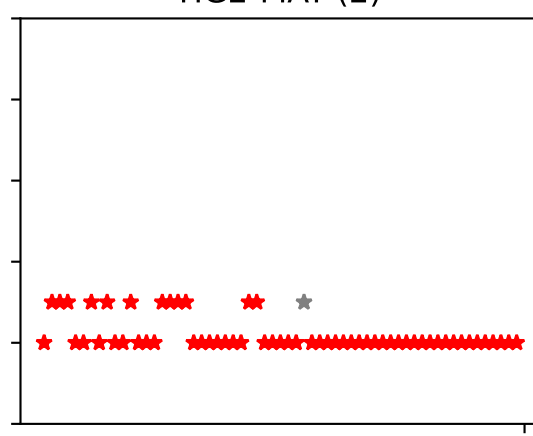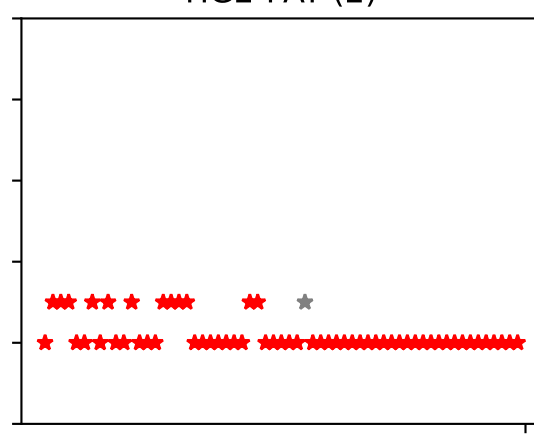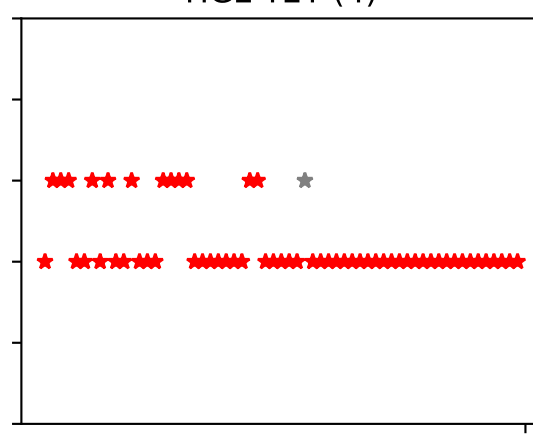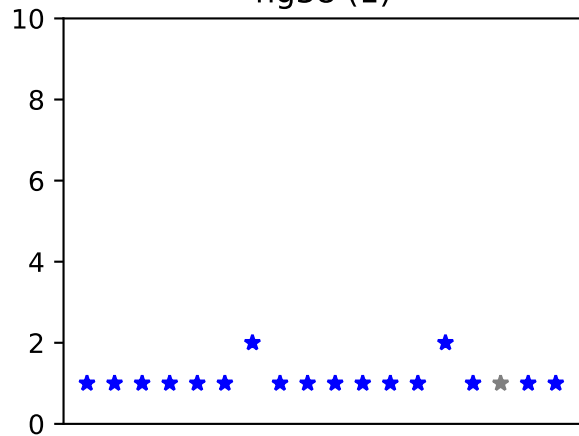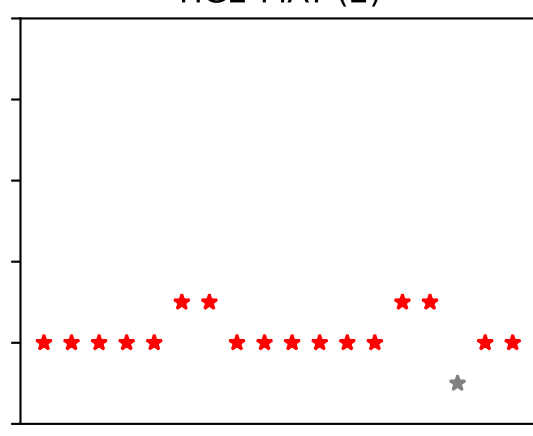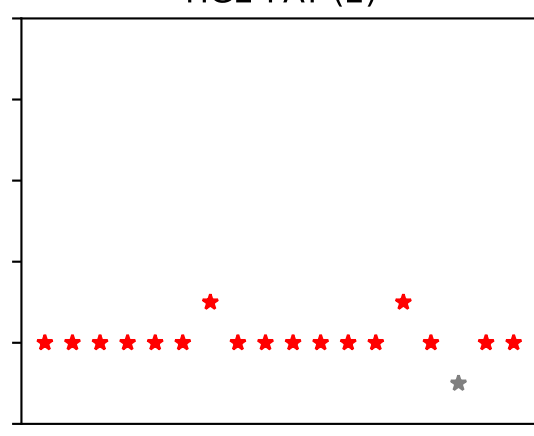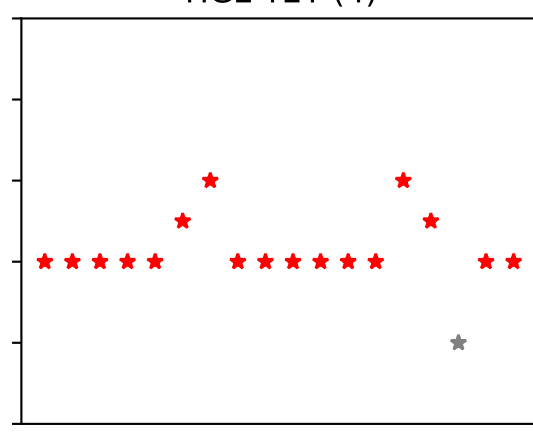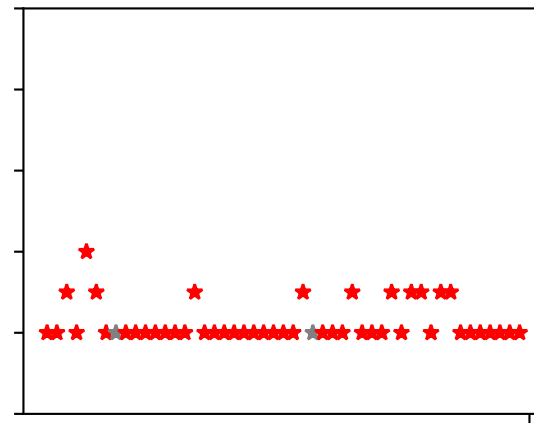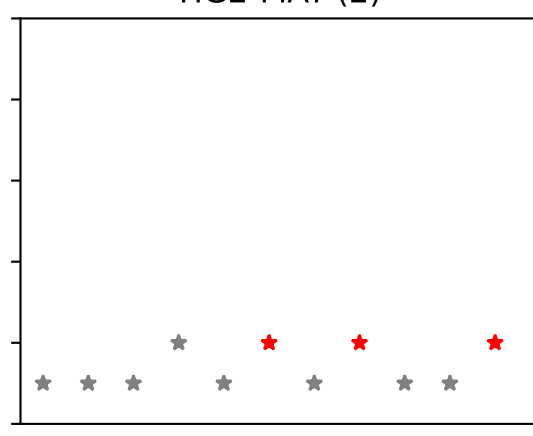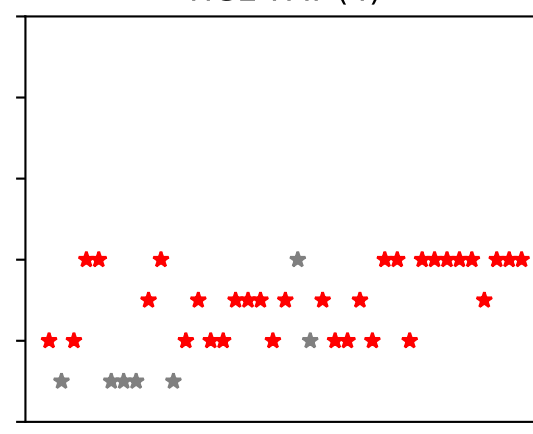
chr22:12406545-12424826 (18282bp)

chr22:12589855-12638975 (49121bp)
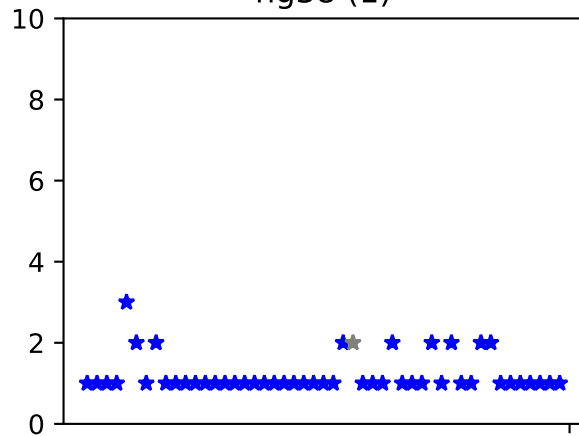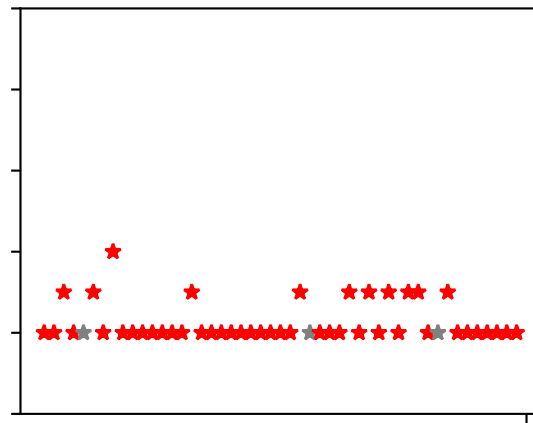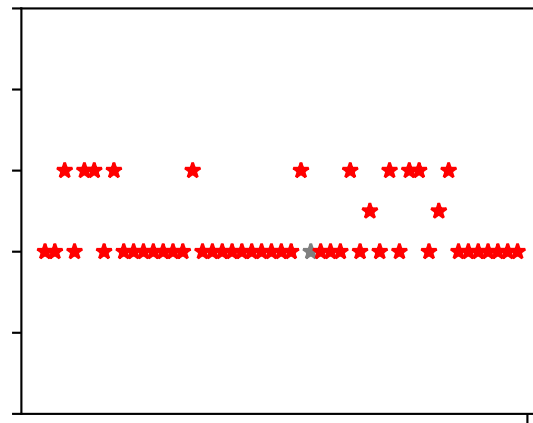
chr22:23996246-24007899 (11654bp)
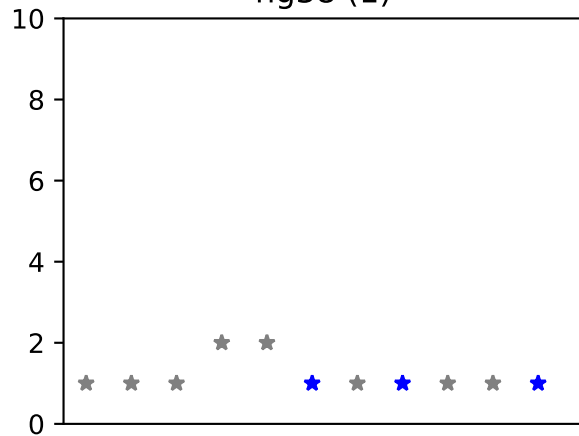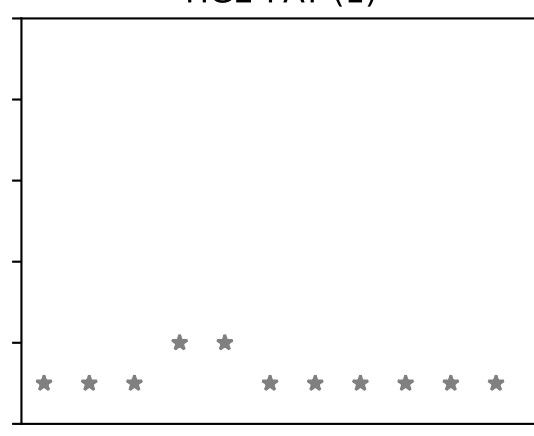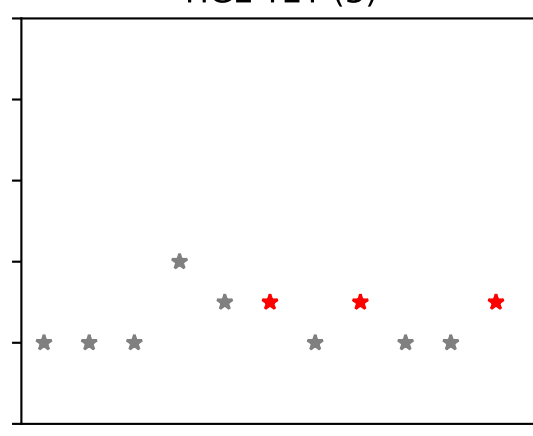
chrY:56844089-56883569 (39481bp)