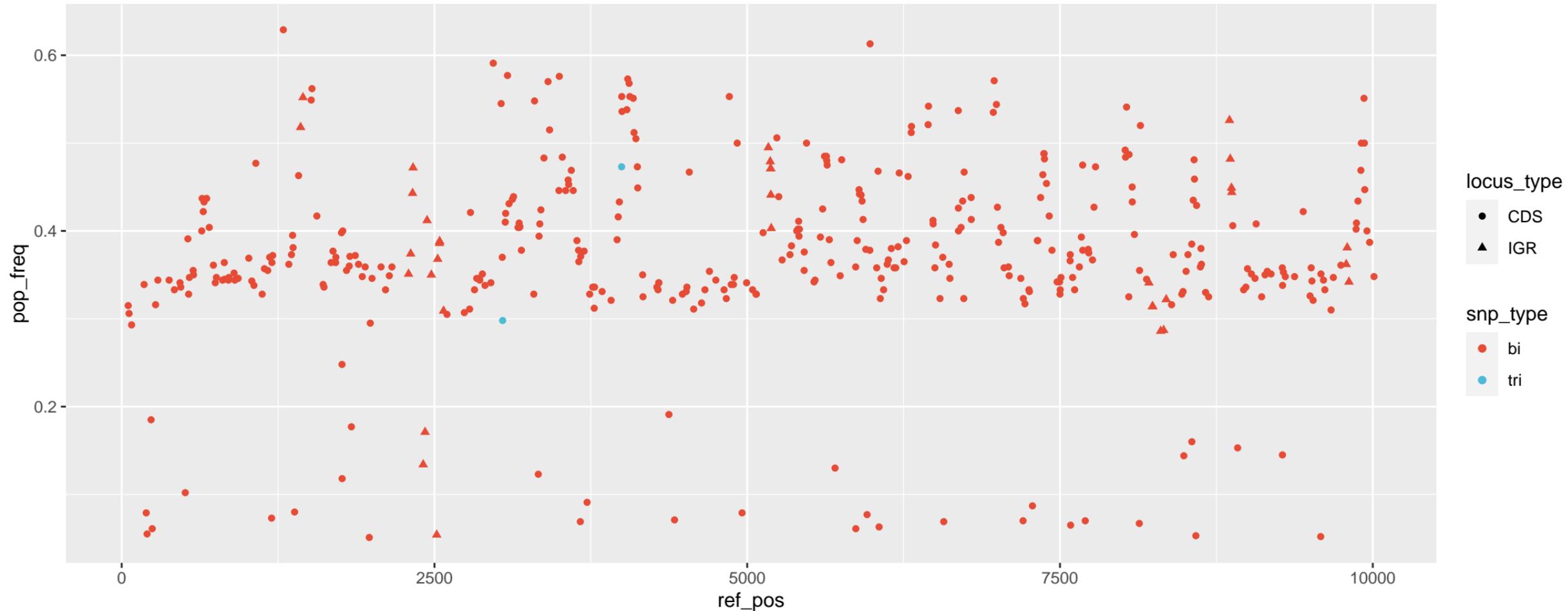
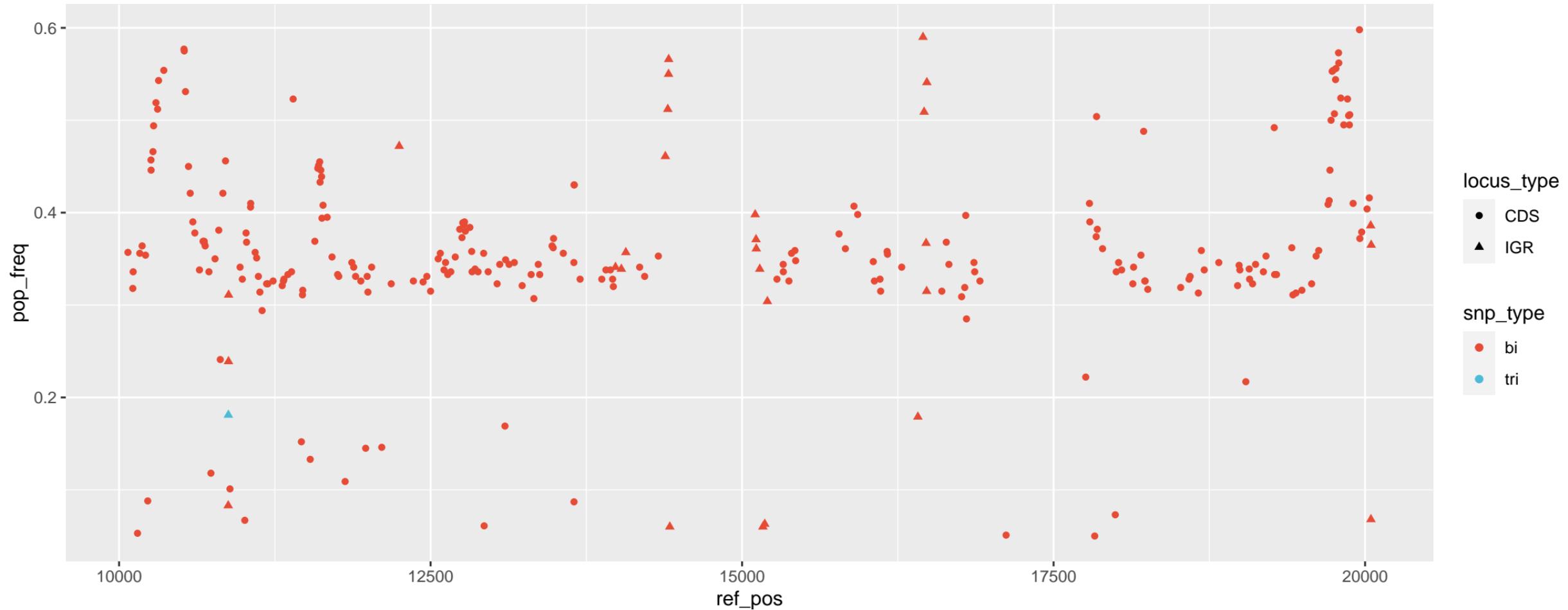


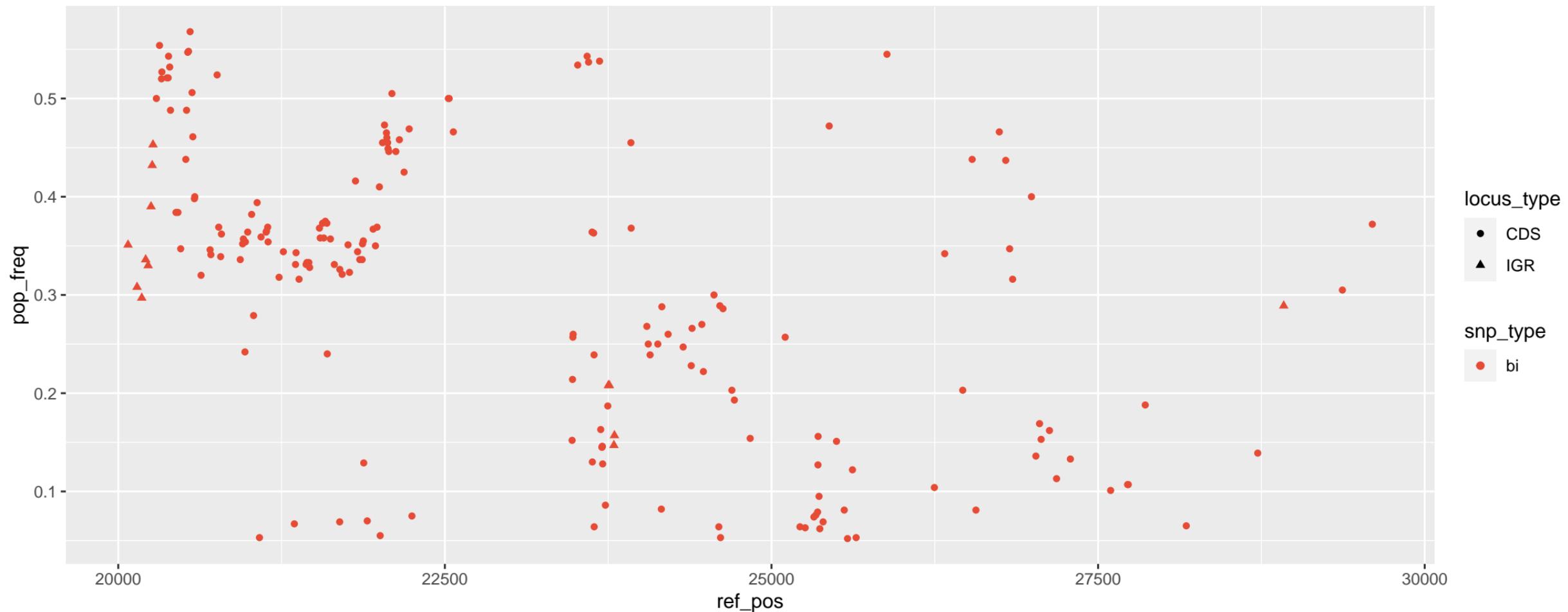
## UHGG143505\_1:52-10052



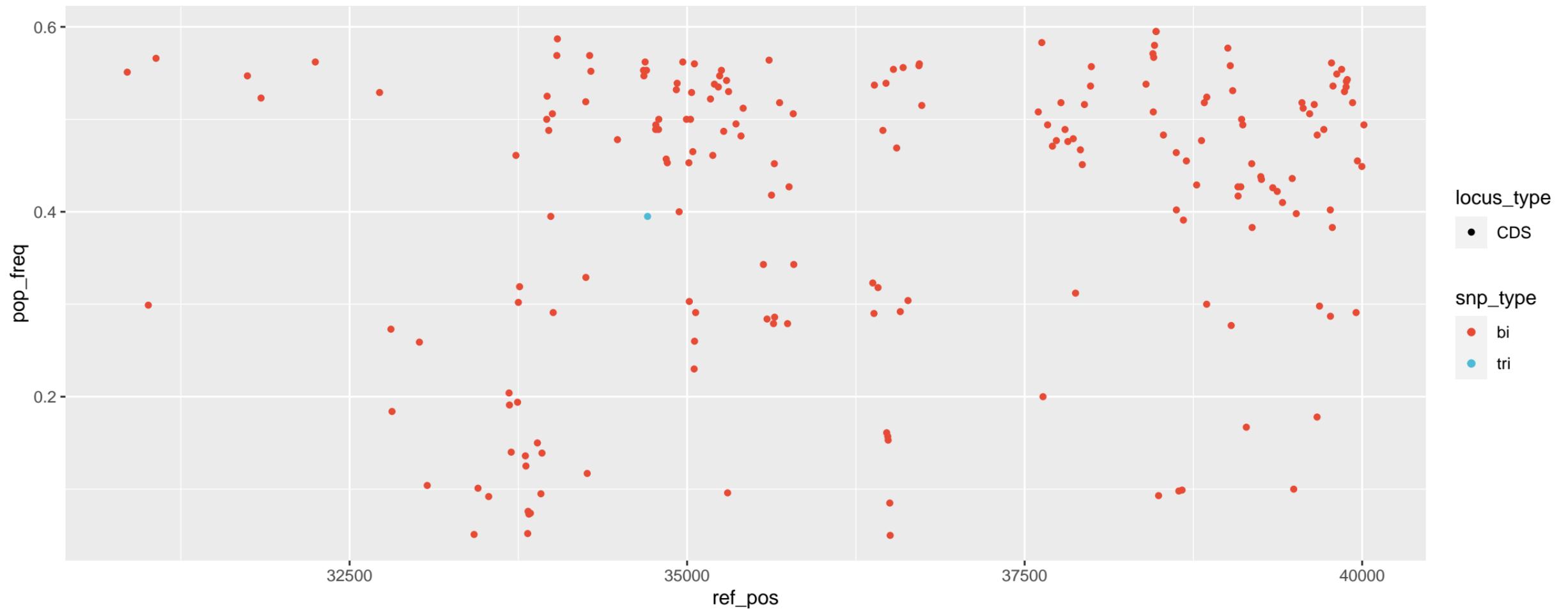
## UHGG143505\_1:10052–20052

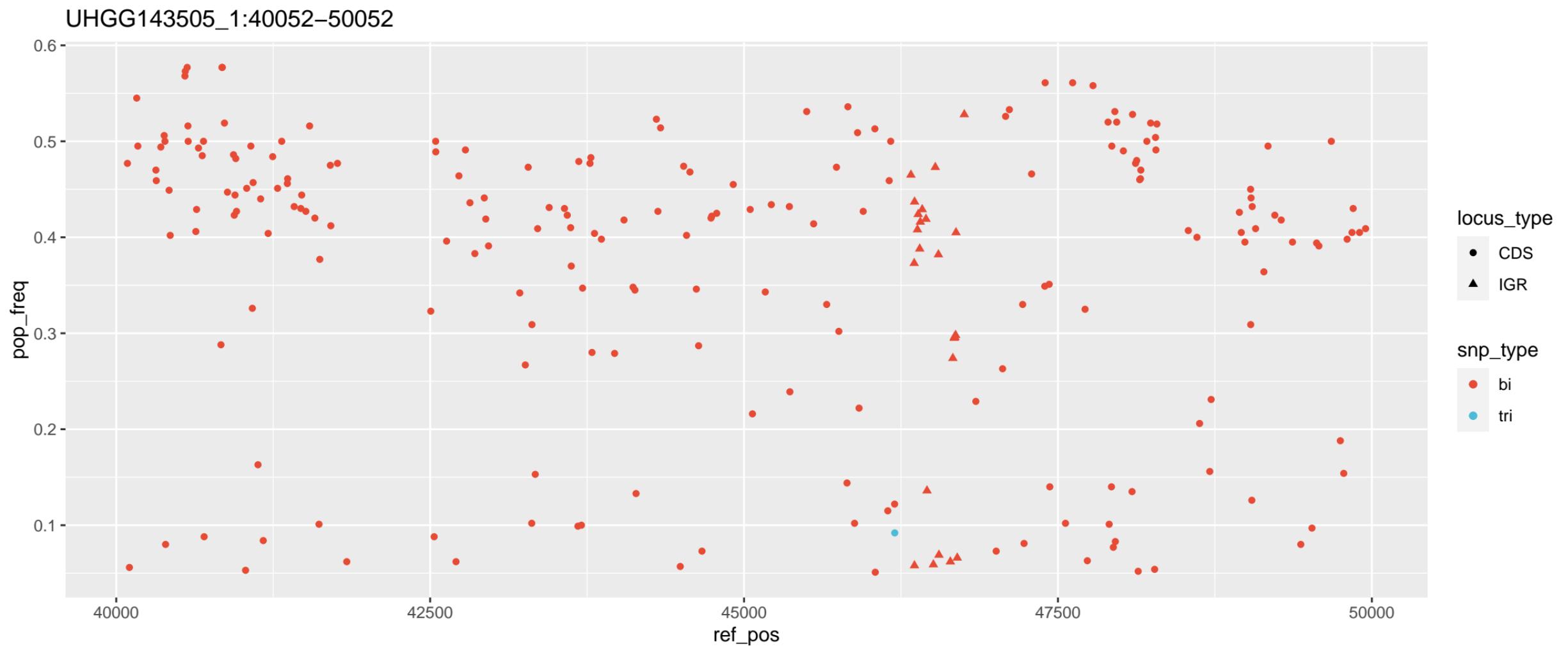


## UHGG143505\_1:20052–30052

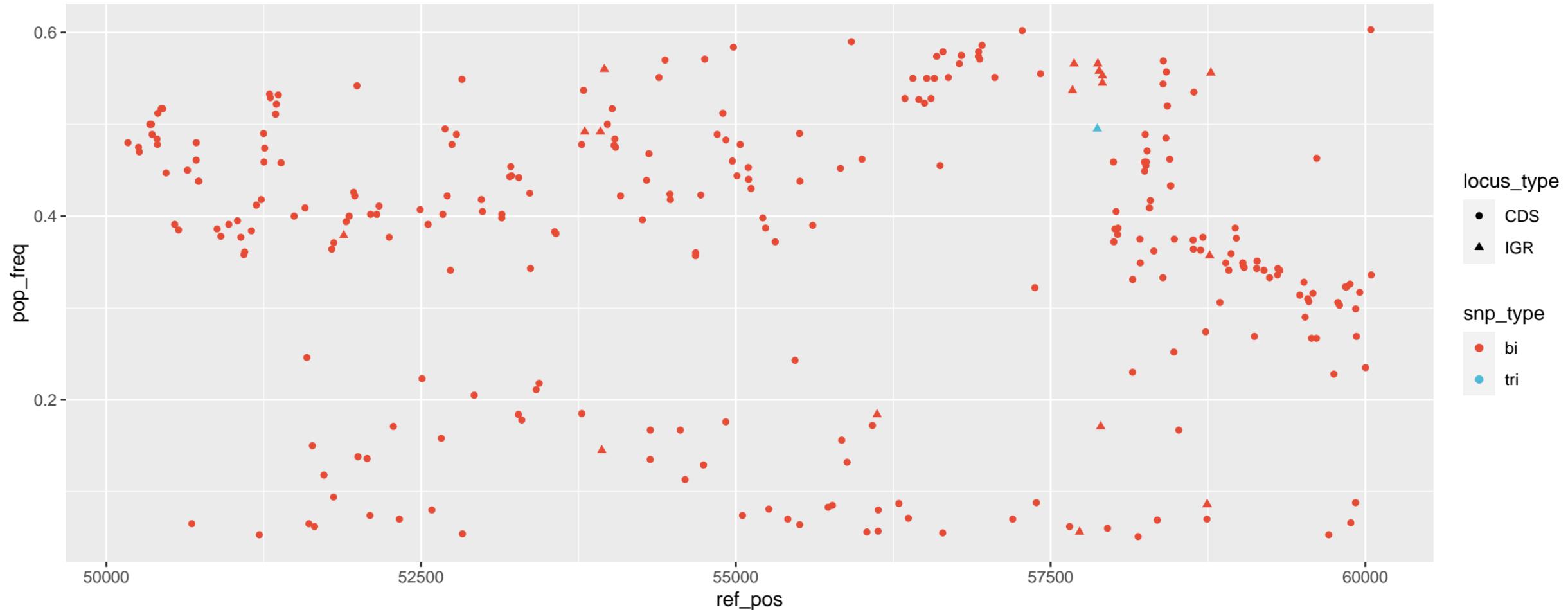


## UHGG143505\_1:30052–40052

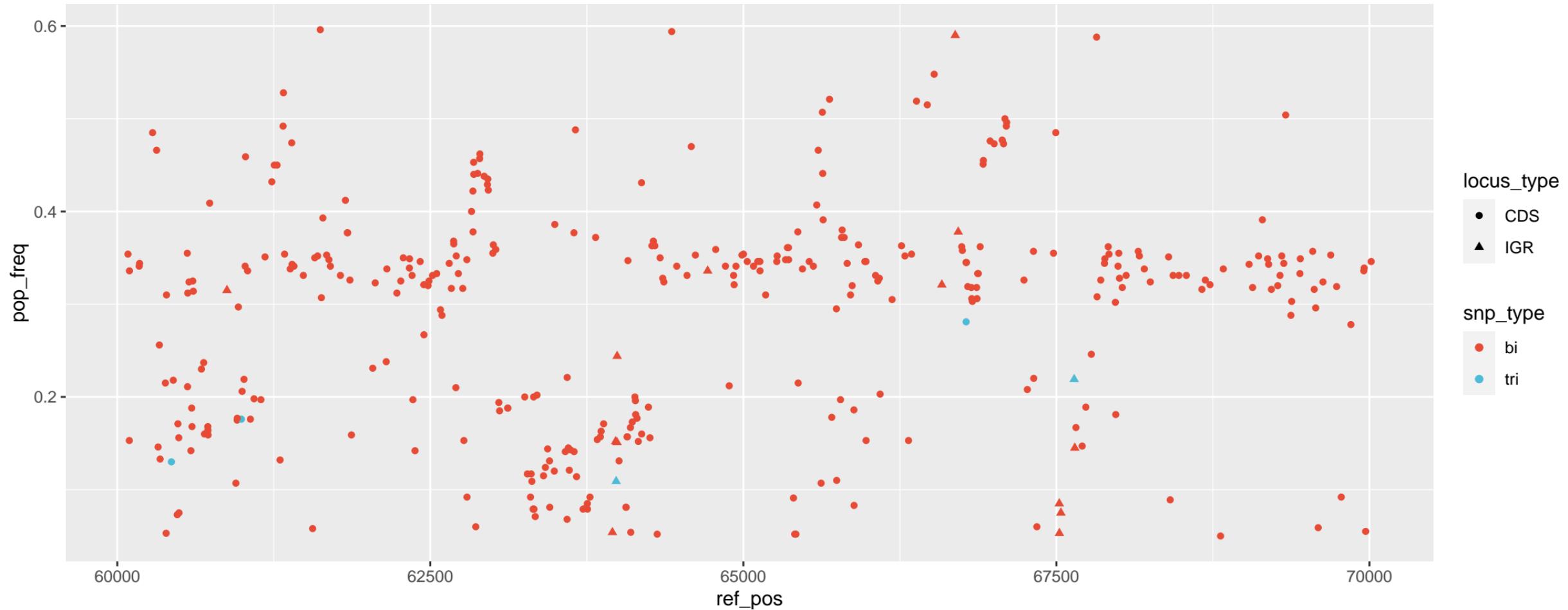




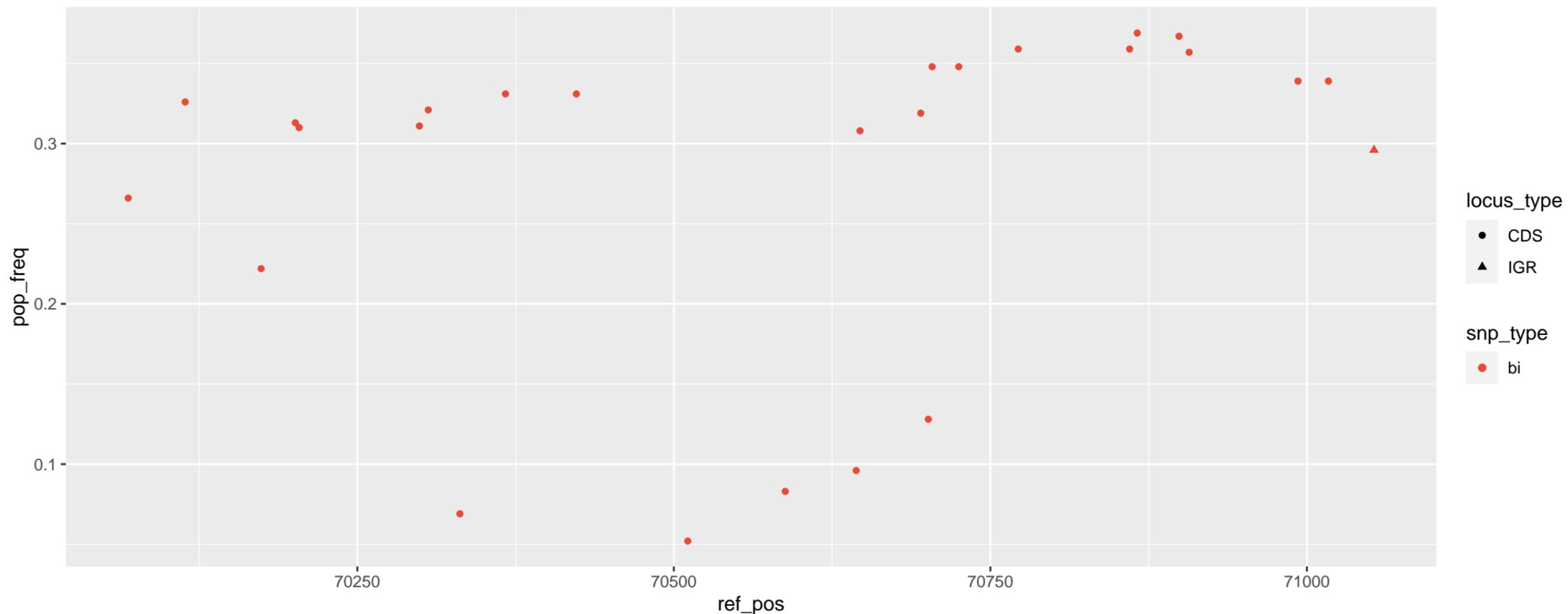
## UHGG143505\_1:50052–60052



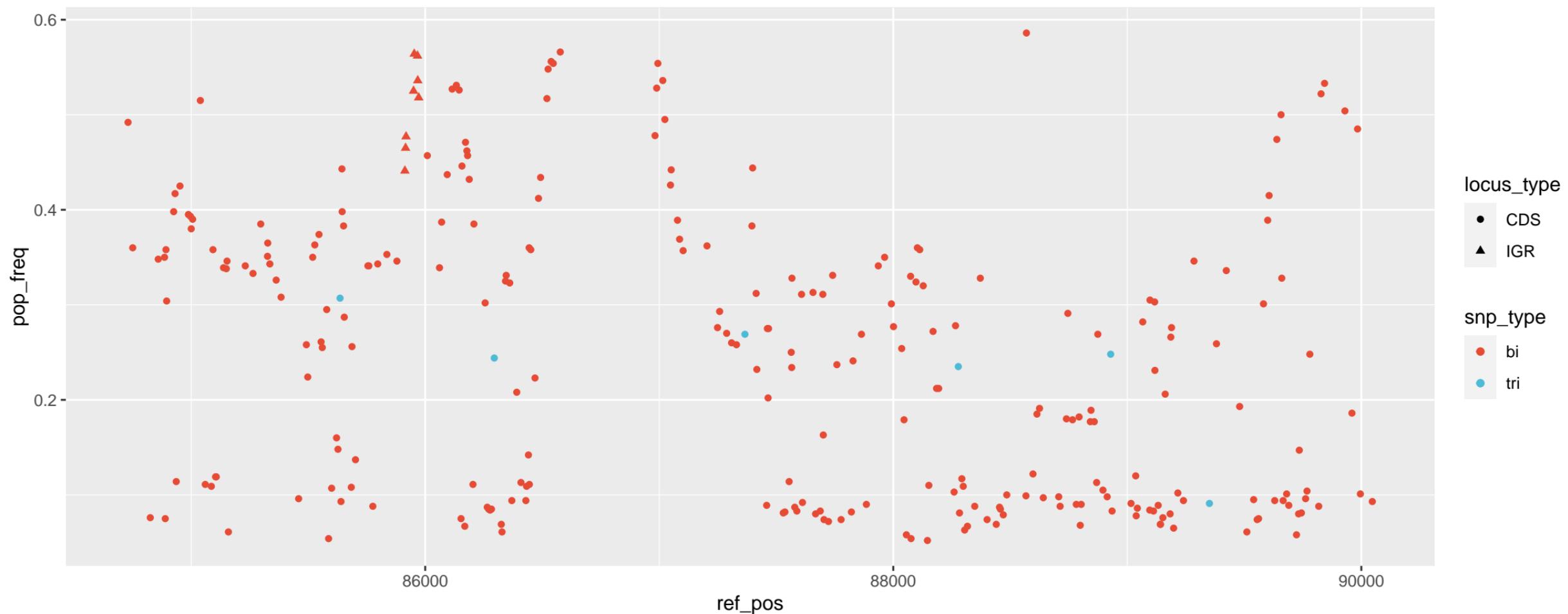
## UHGG143505\_1:60052–70052



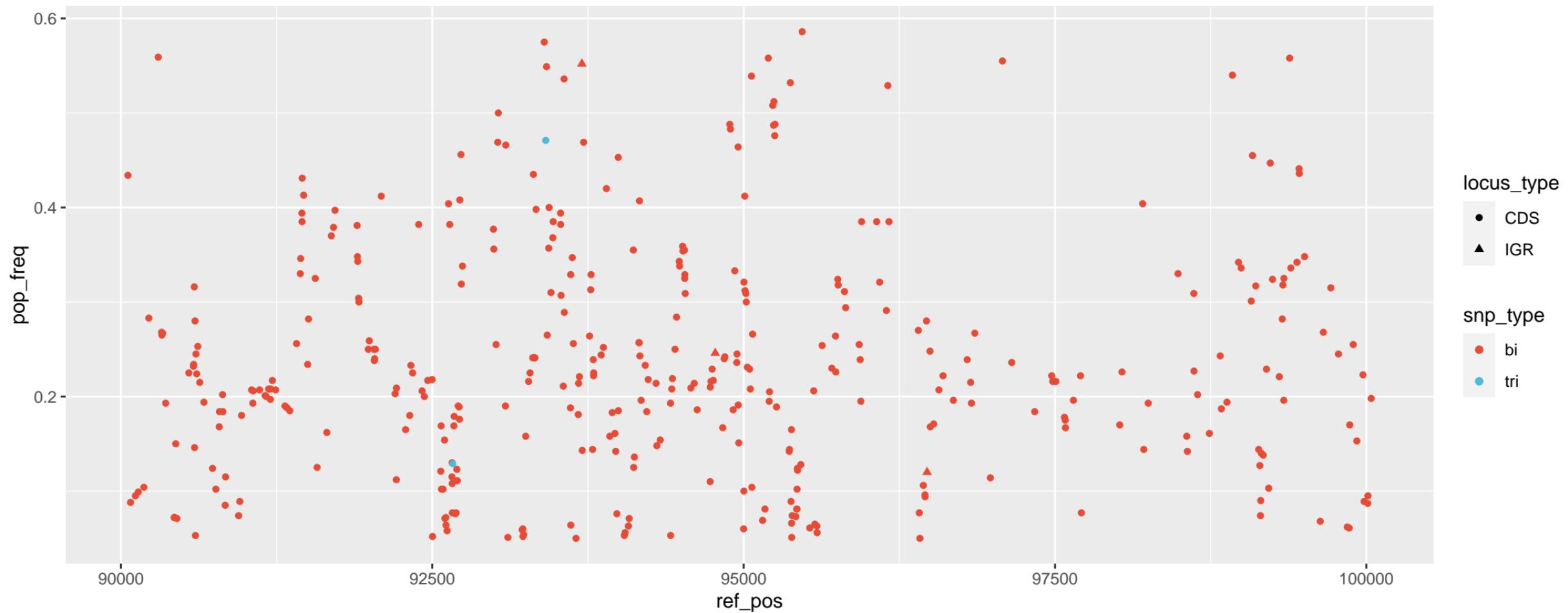
## UHGG143505\_1:70052–80052



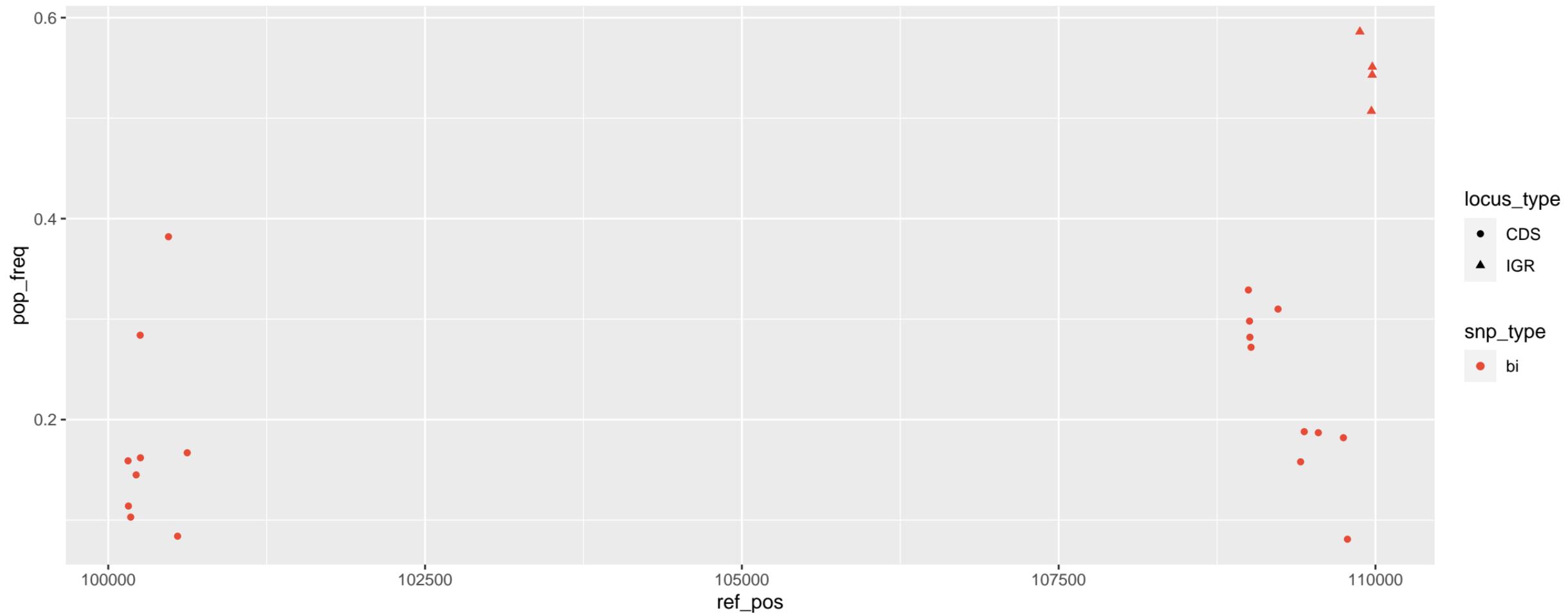
## UHGG143505\_1:80052–90052



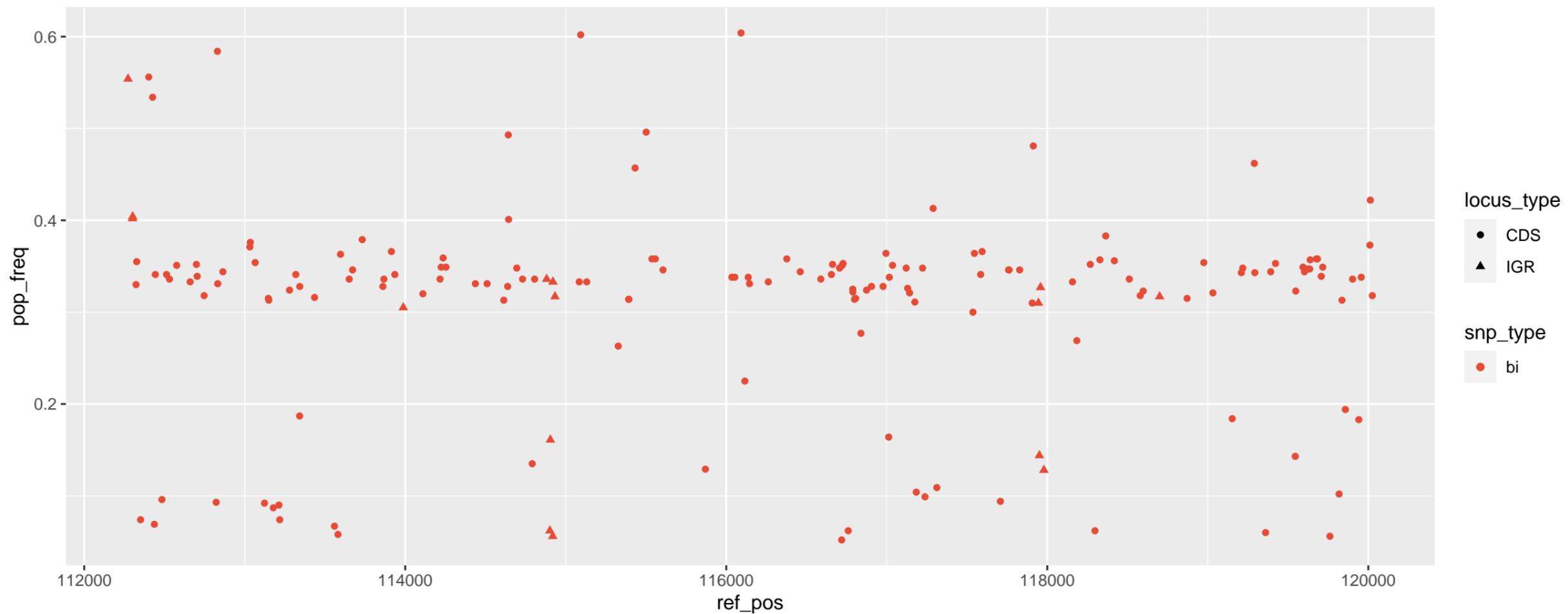
## UHGG143505\_1:90052–100052



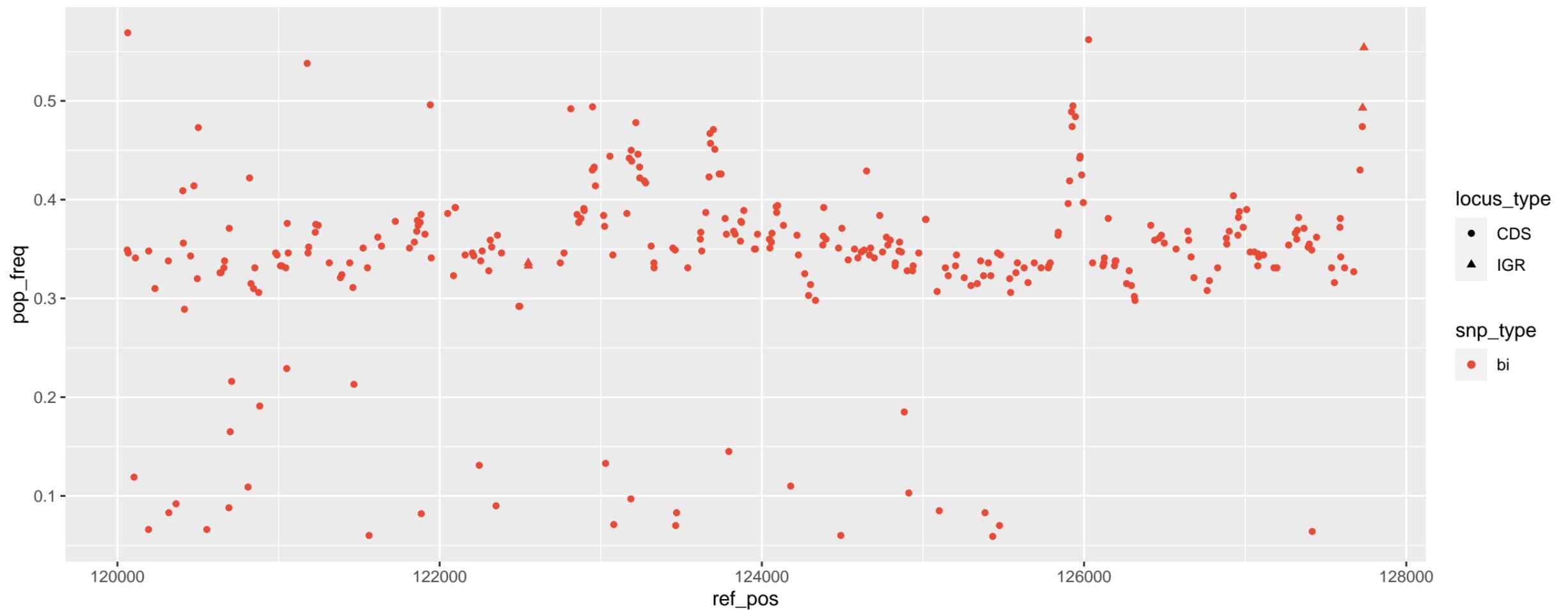
## UHGG143505\_1:100052–110052



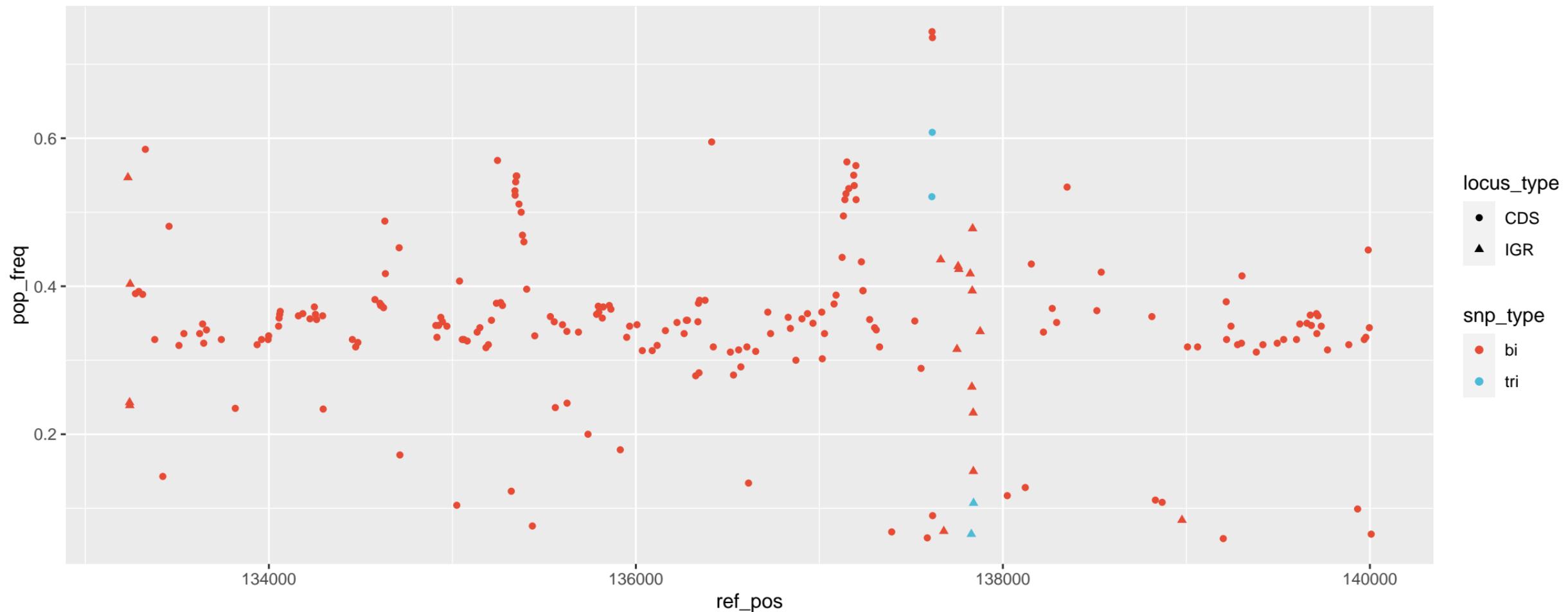
## UHGG143505\_1:110052–120052



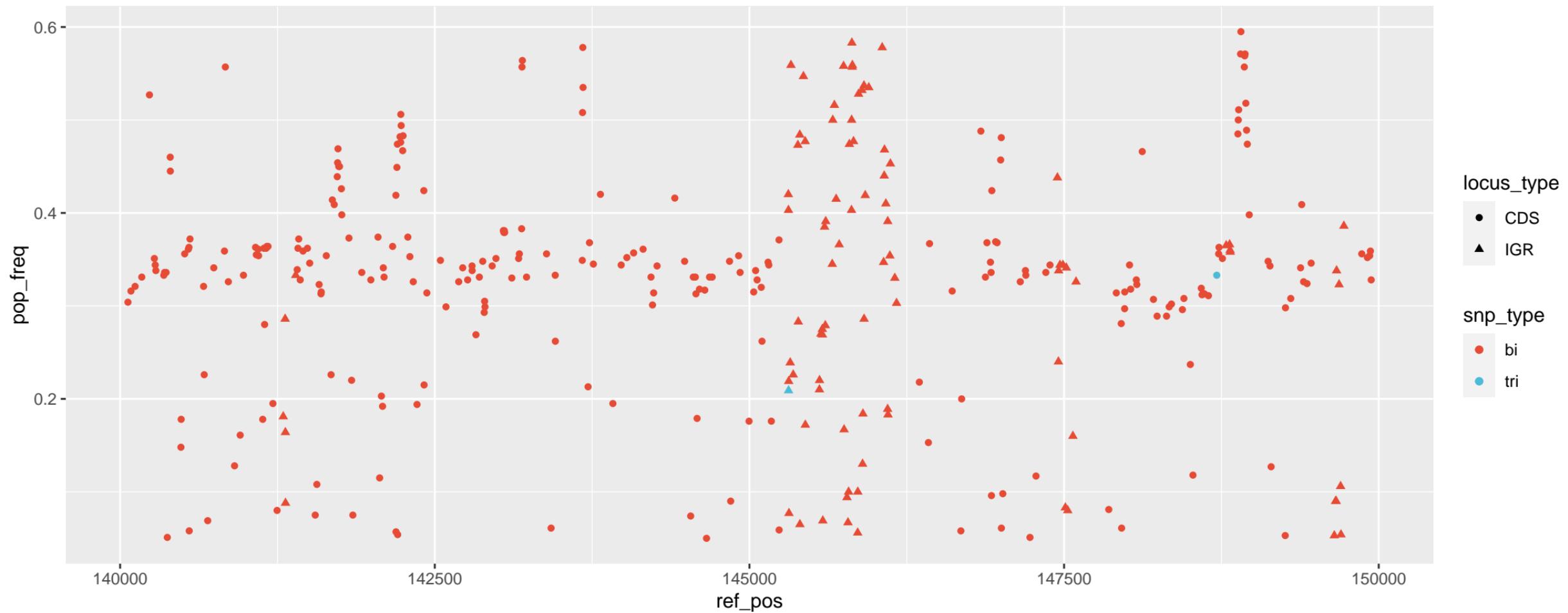
## UHGG143505\_1:120052–130052

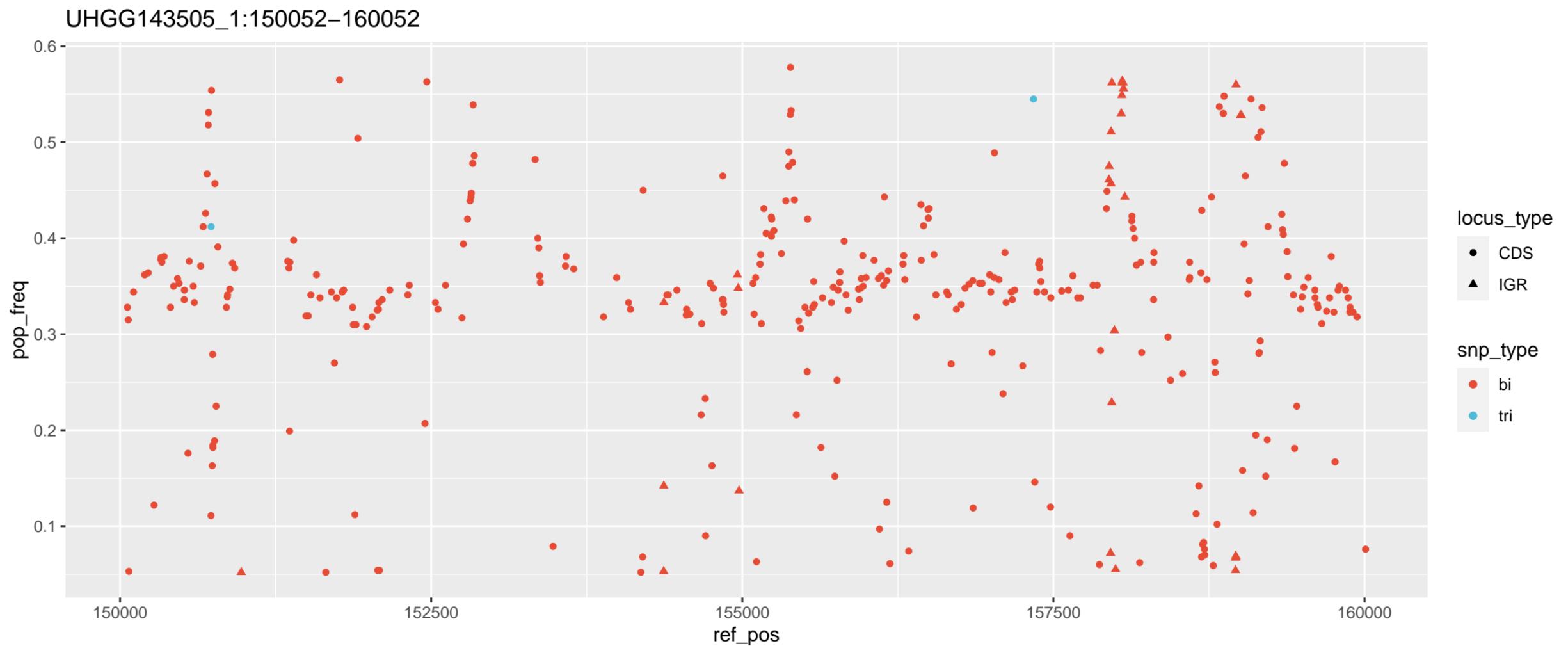


## UHGG143505\_1:130052–140052

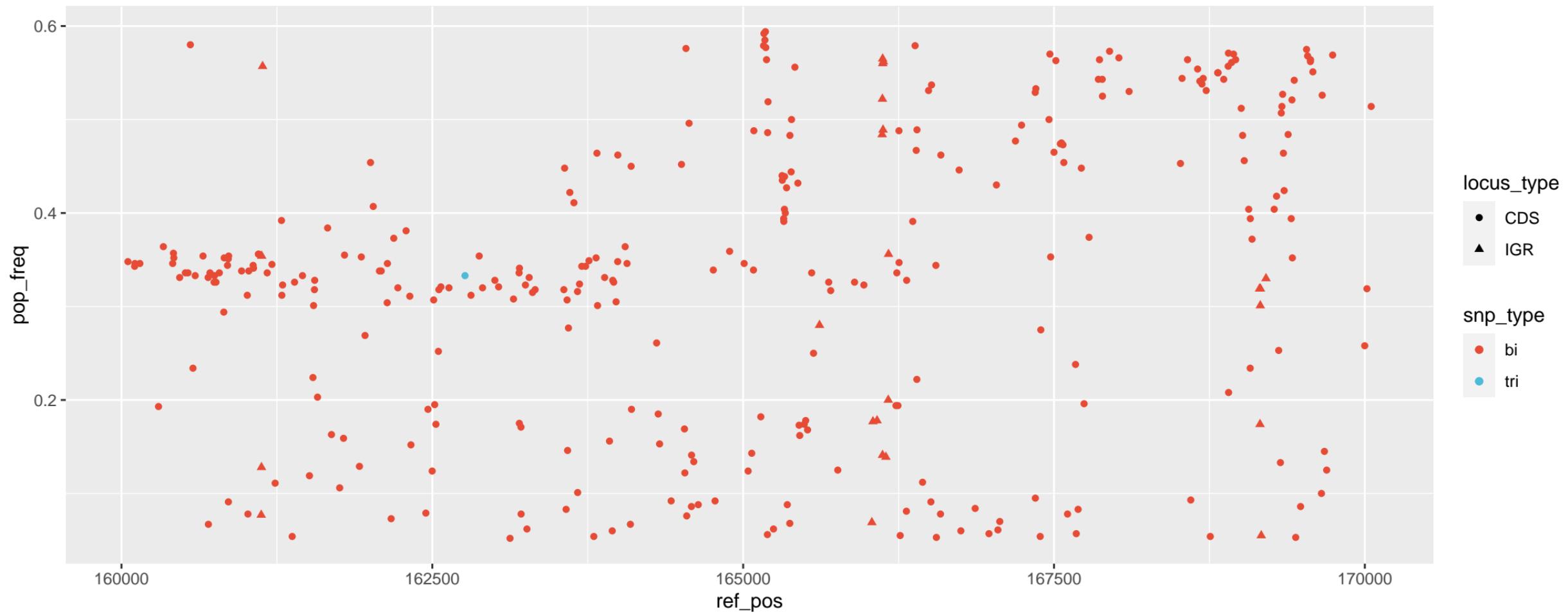


## UHGG143505\_1:140052–150052

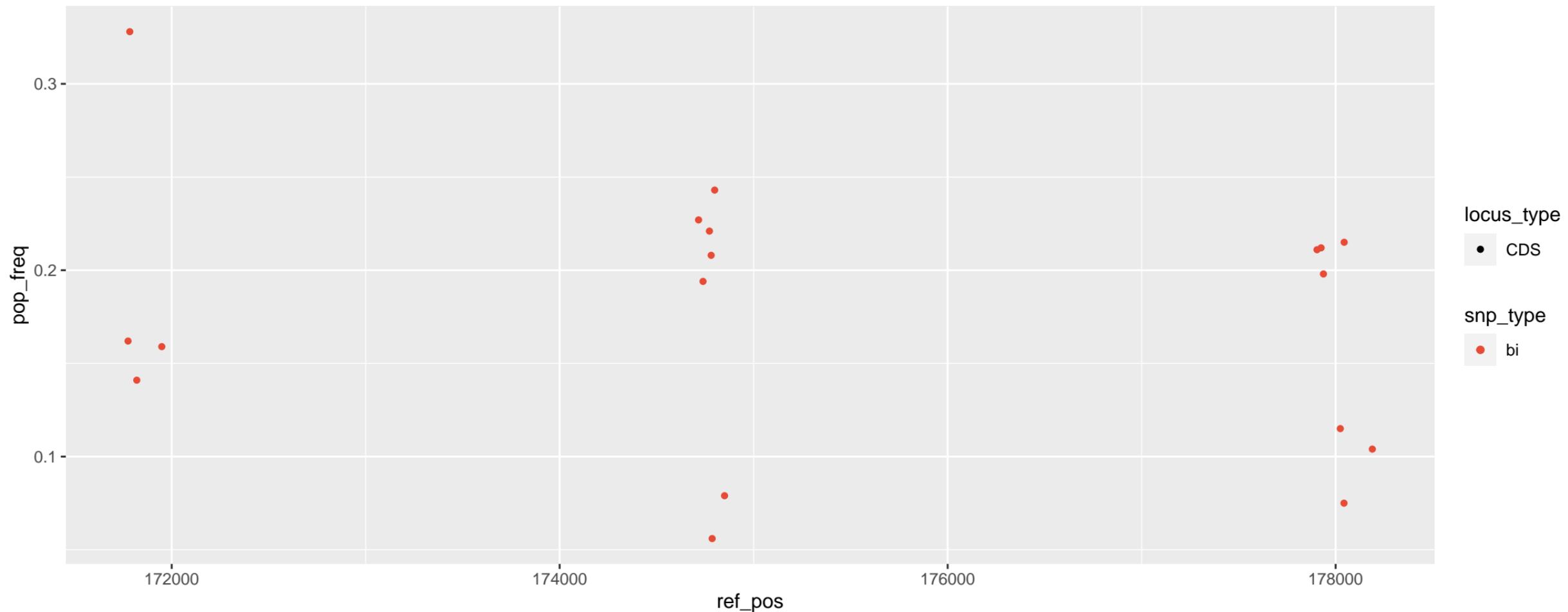




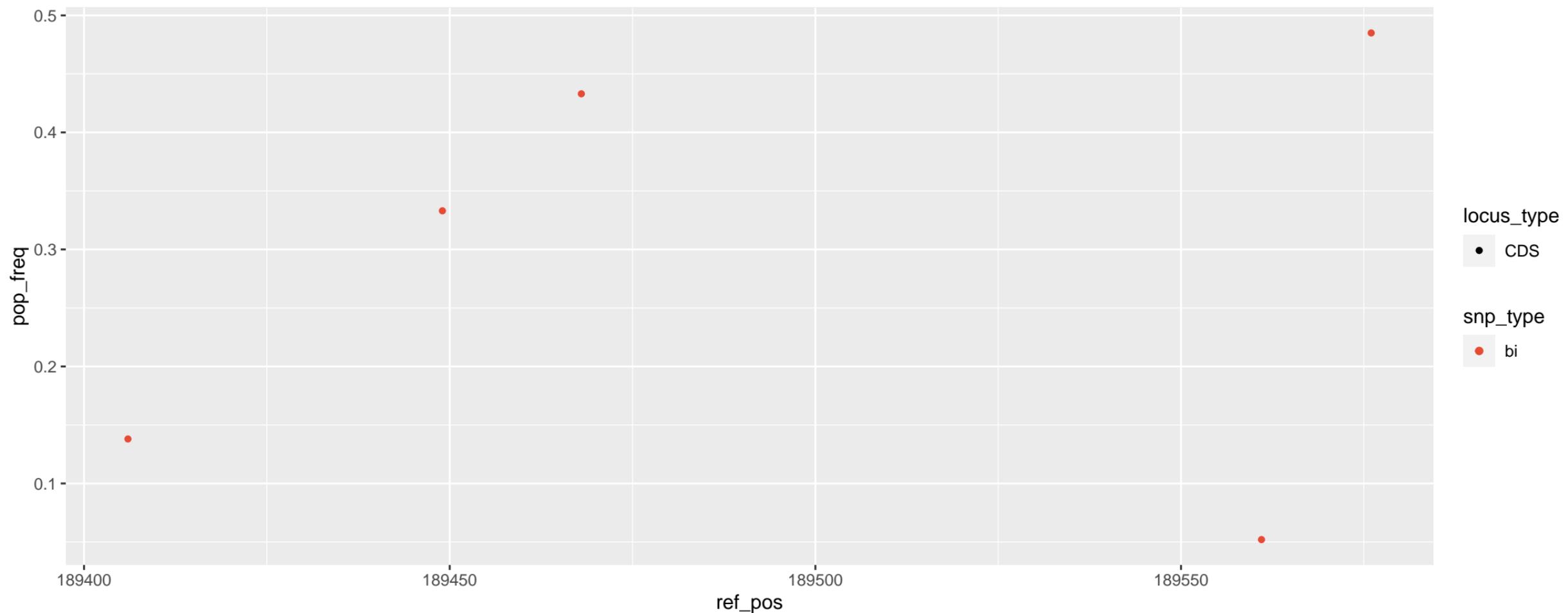
## UHGG143505\_1:160052–170052



## UHGG143505\_1:170052–180052



## UHGG143505\_1:180052–190052



UHGG143505\_1:190052–200052

pop\_freq

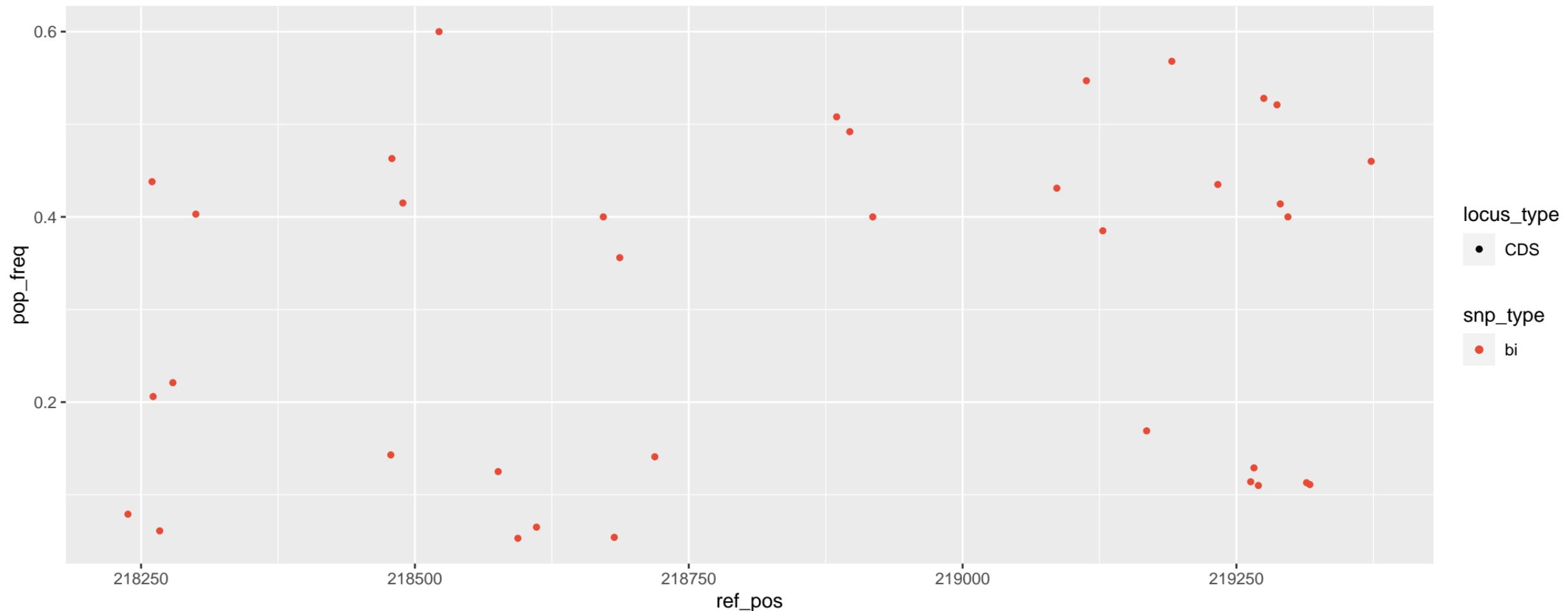
ref\_pos

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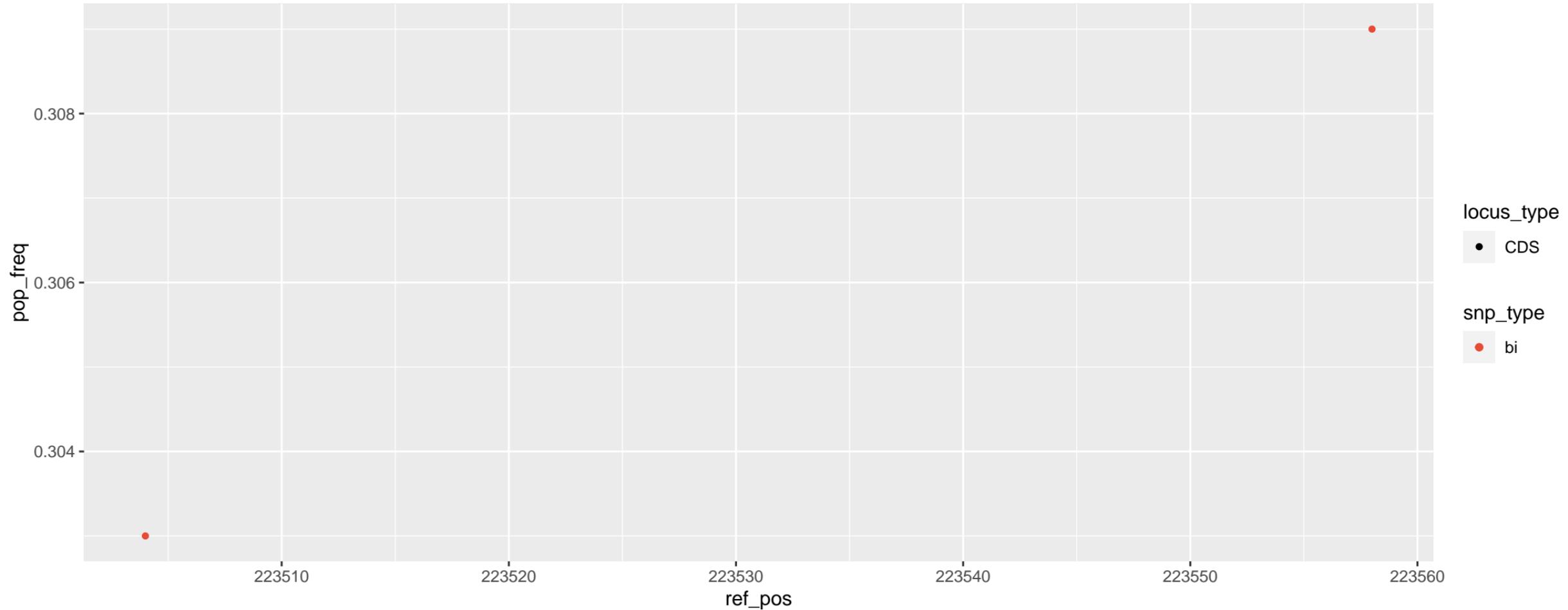
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ref\_pos

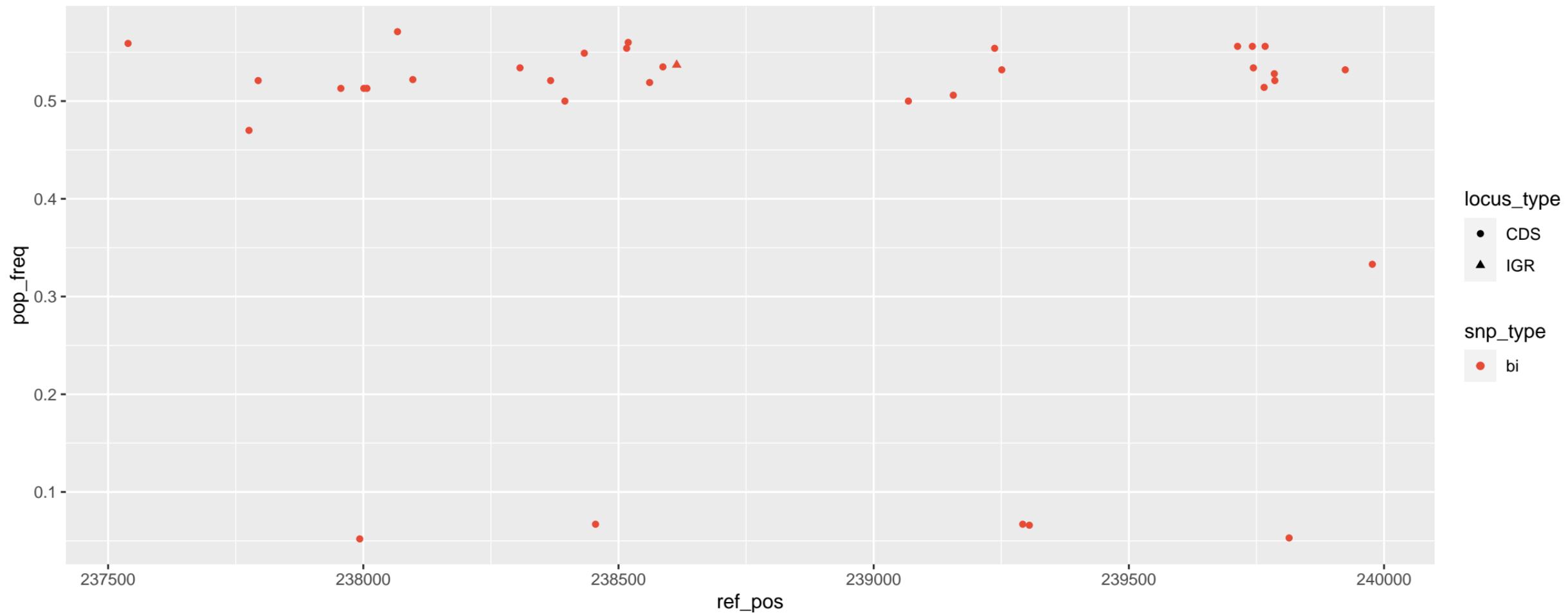
## UHGG143505\_1:210052–220052



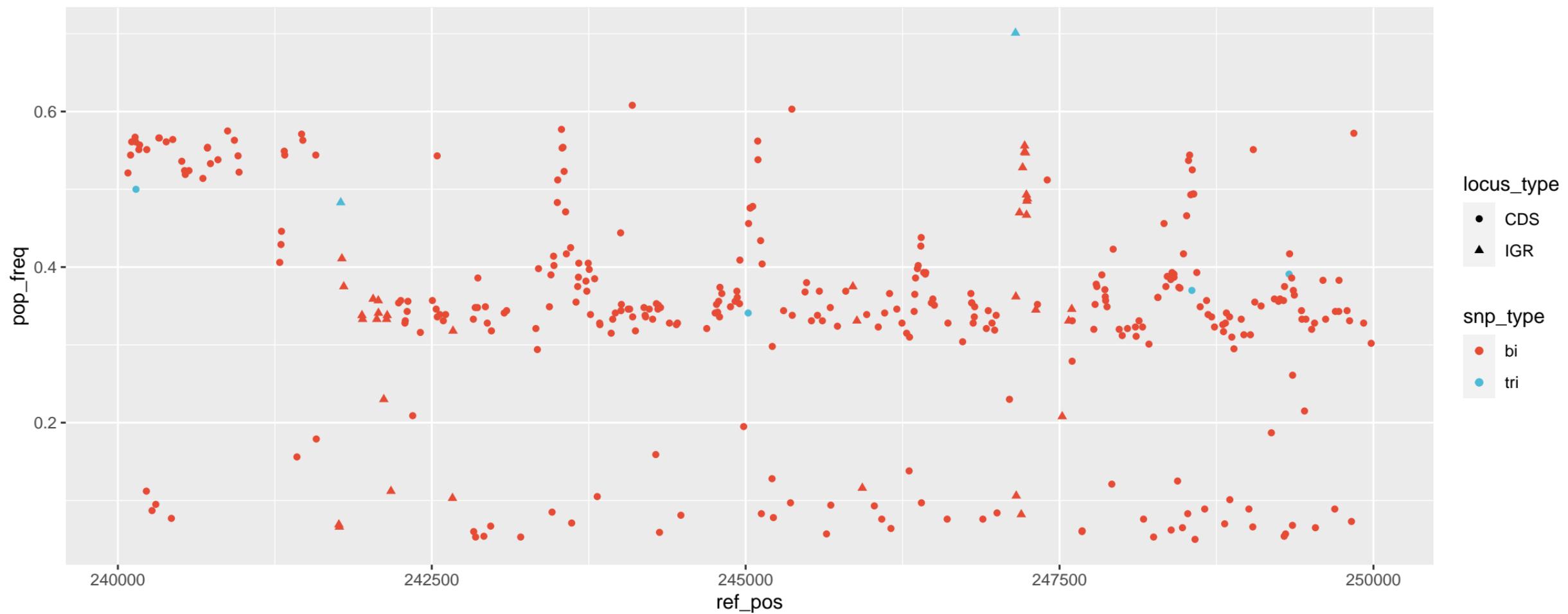
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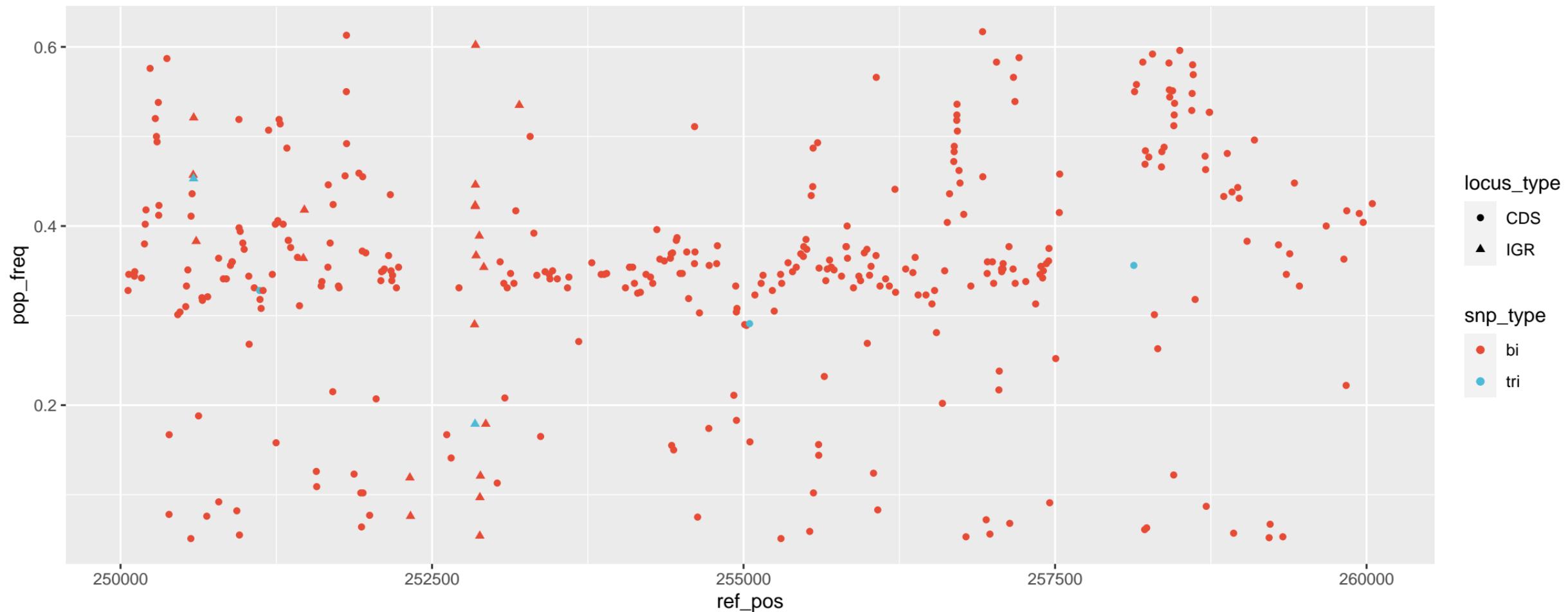
## UHGG143505\_1:230052–240052



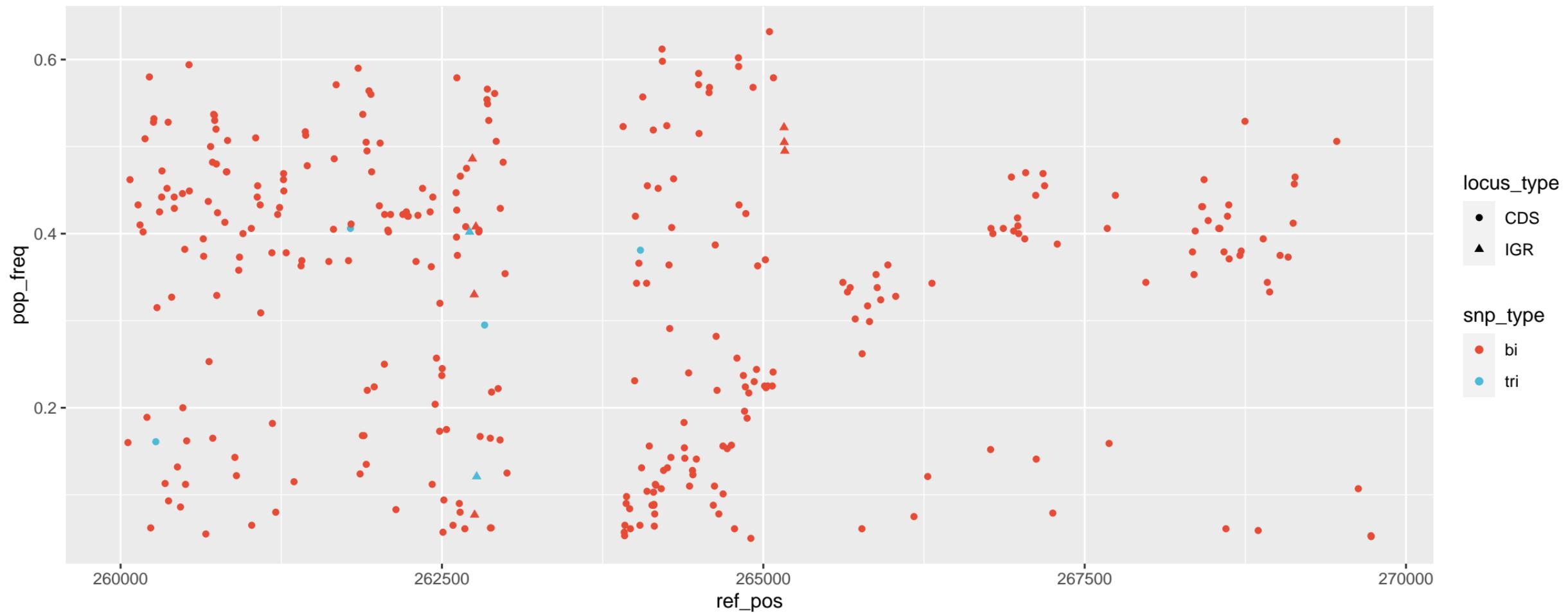
## UHGG143505\_1:240052–250052



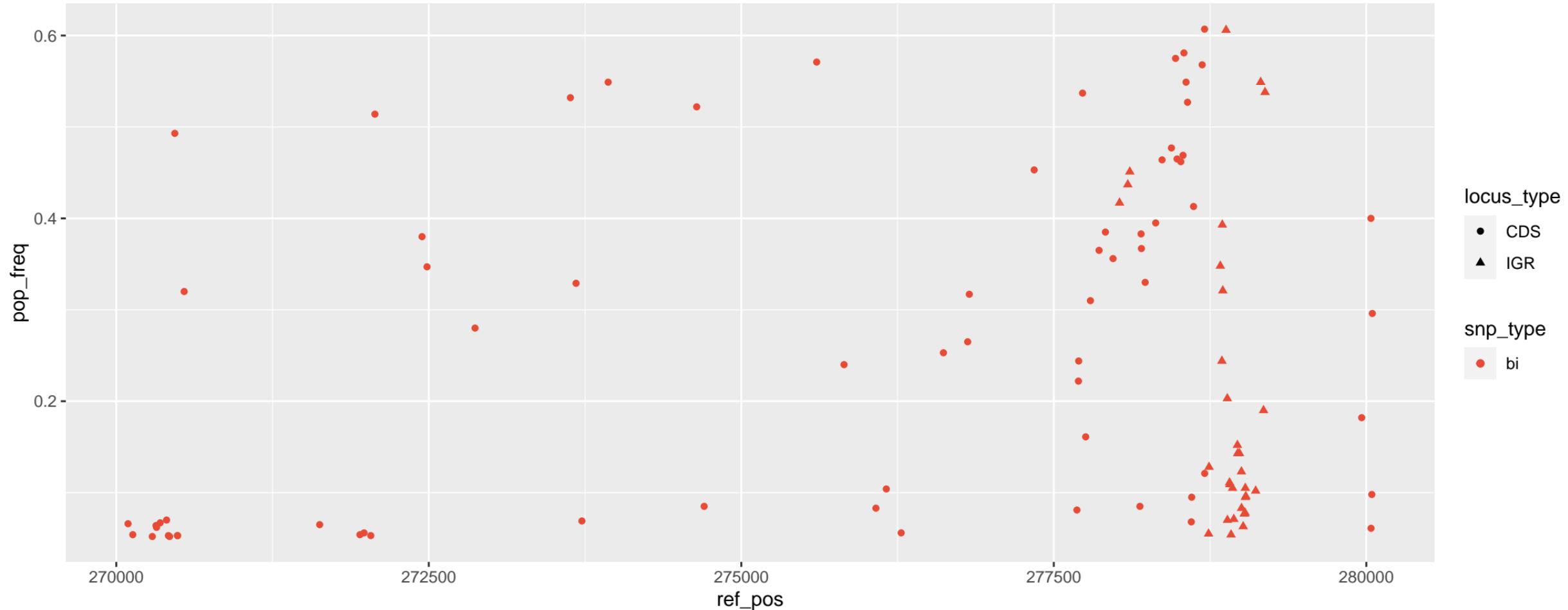
## UHGG143505\_1:250052–260052



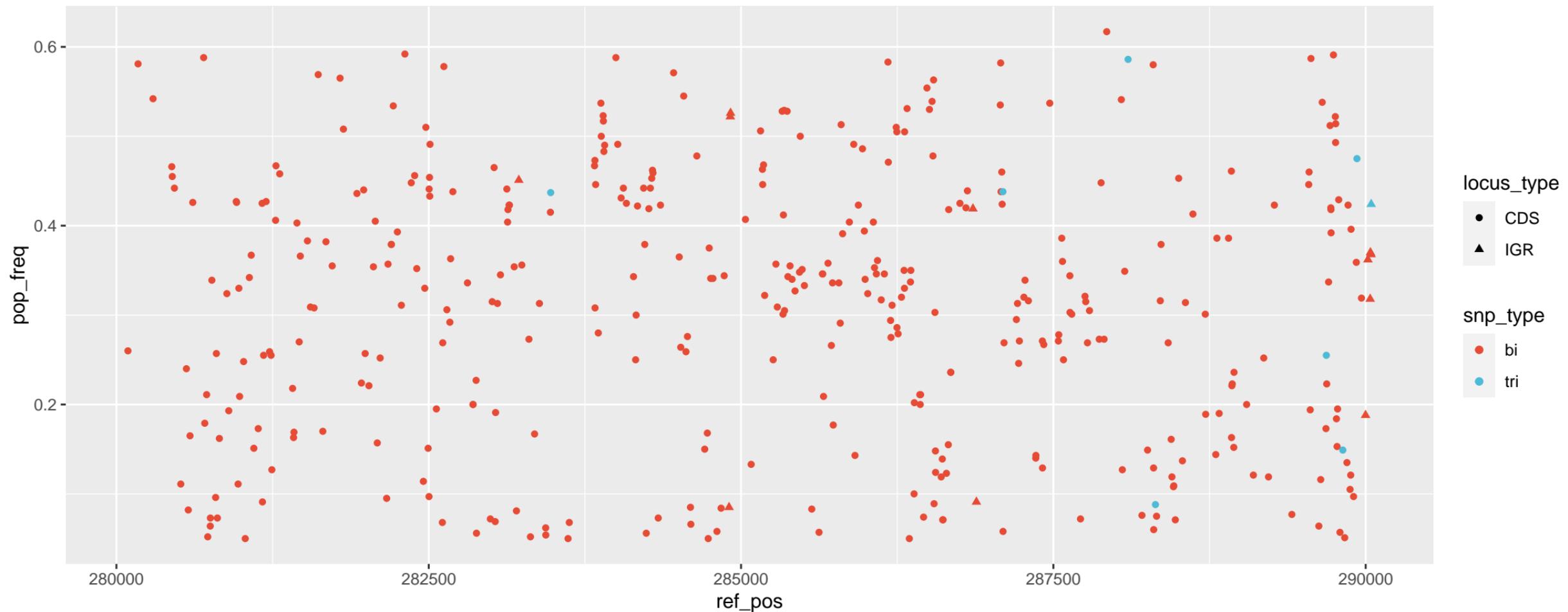
## UHGG143505\_1:260052–270052



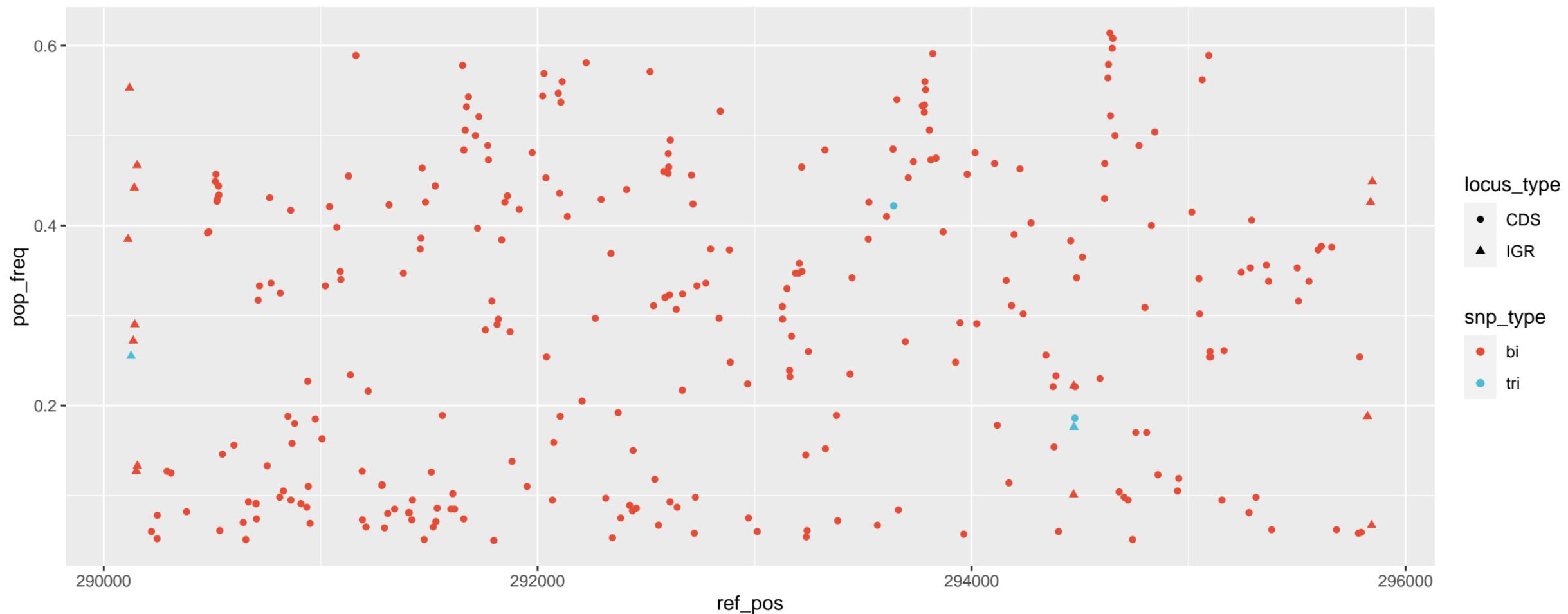
## UHGG143505\_1:270052–280052



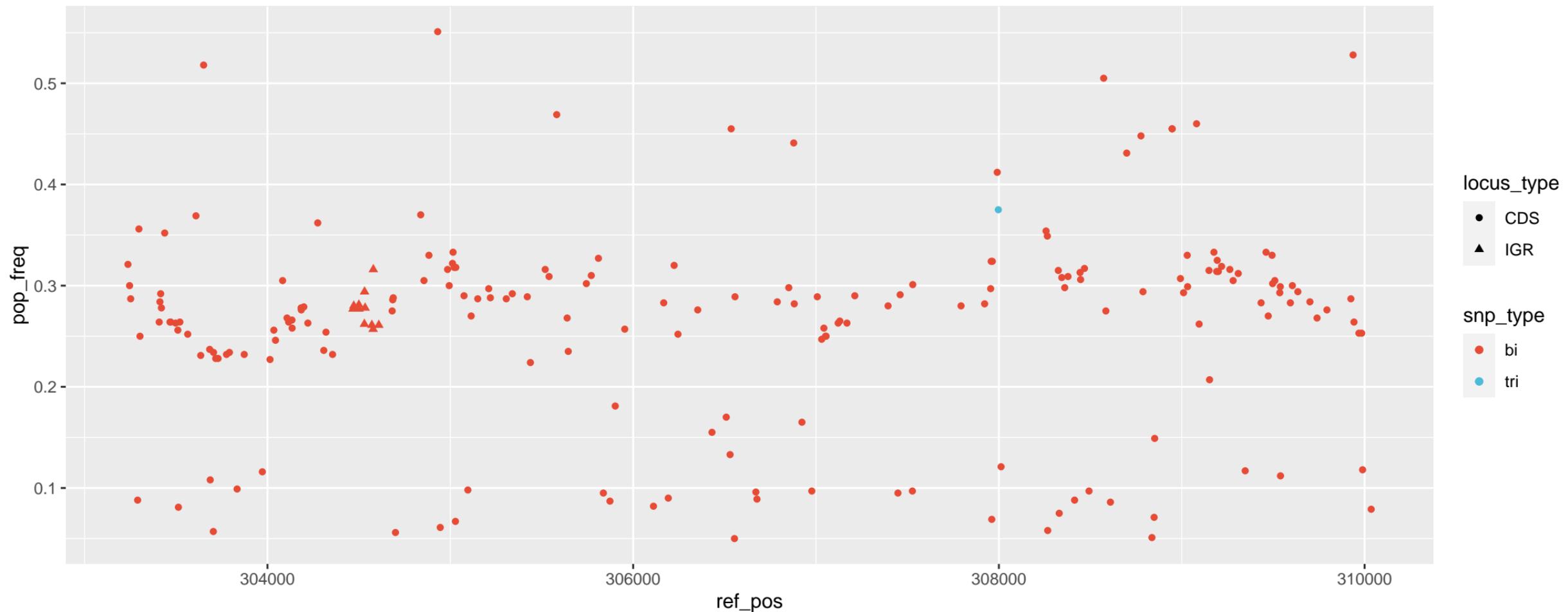
## UHGG143505\_1:280052–290052



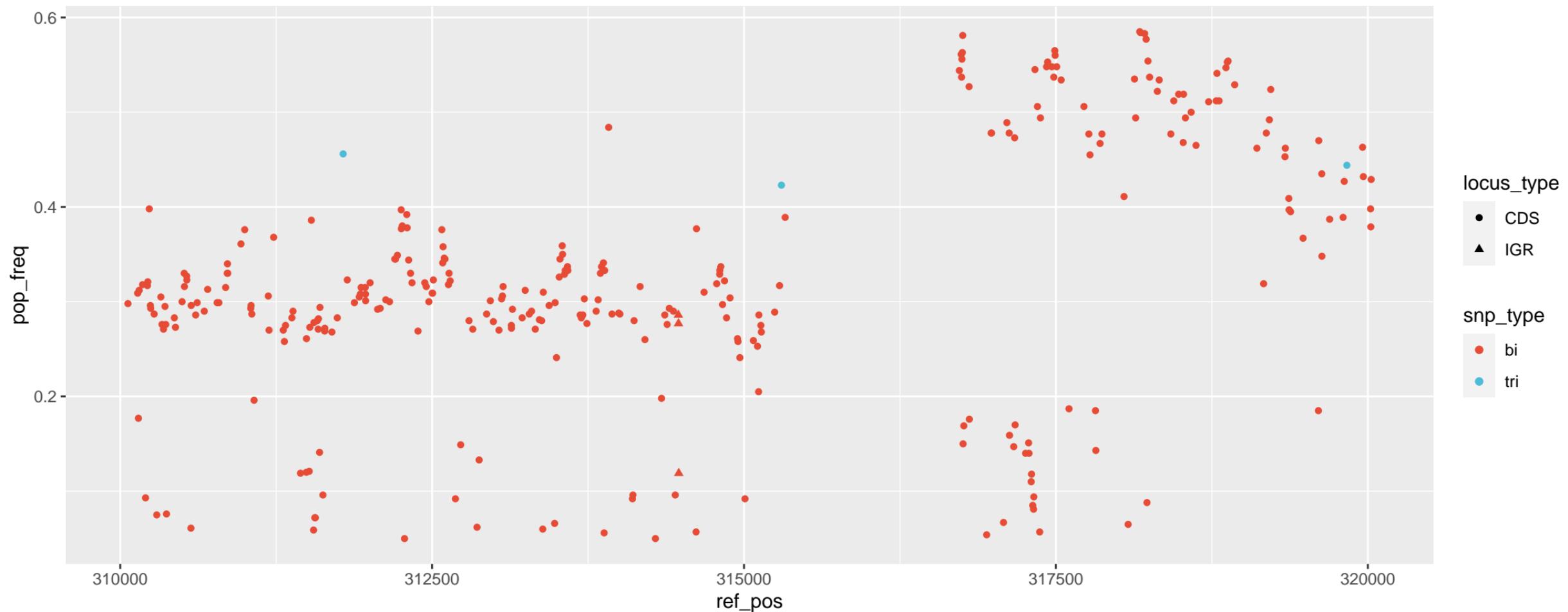
## UHGG143505\_1:290052–300052



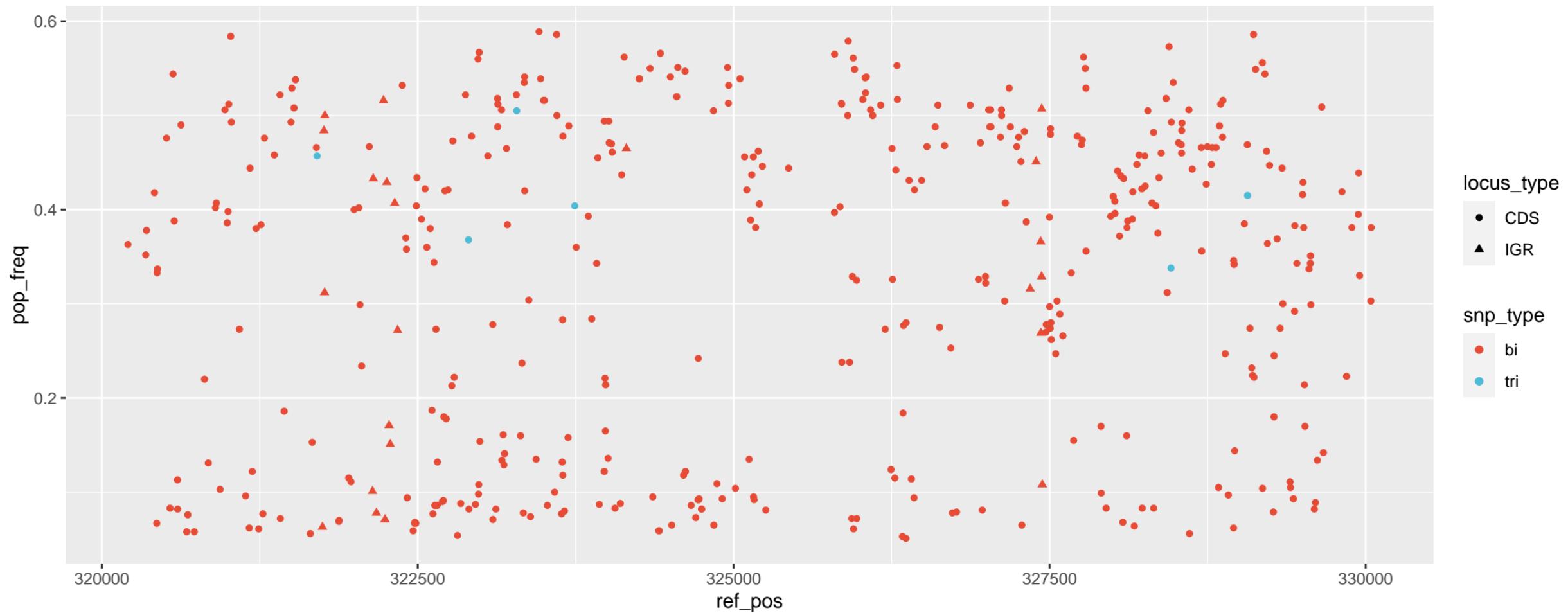
## UHGG143505\_1:300052–310052



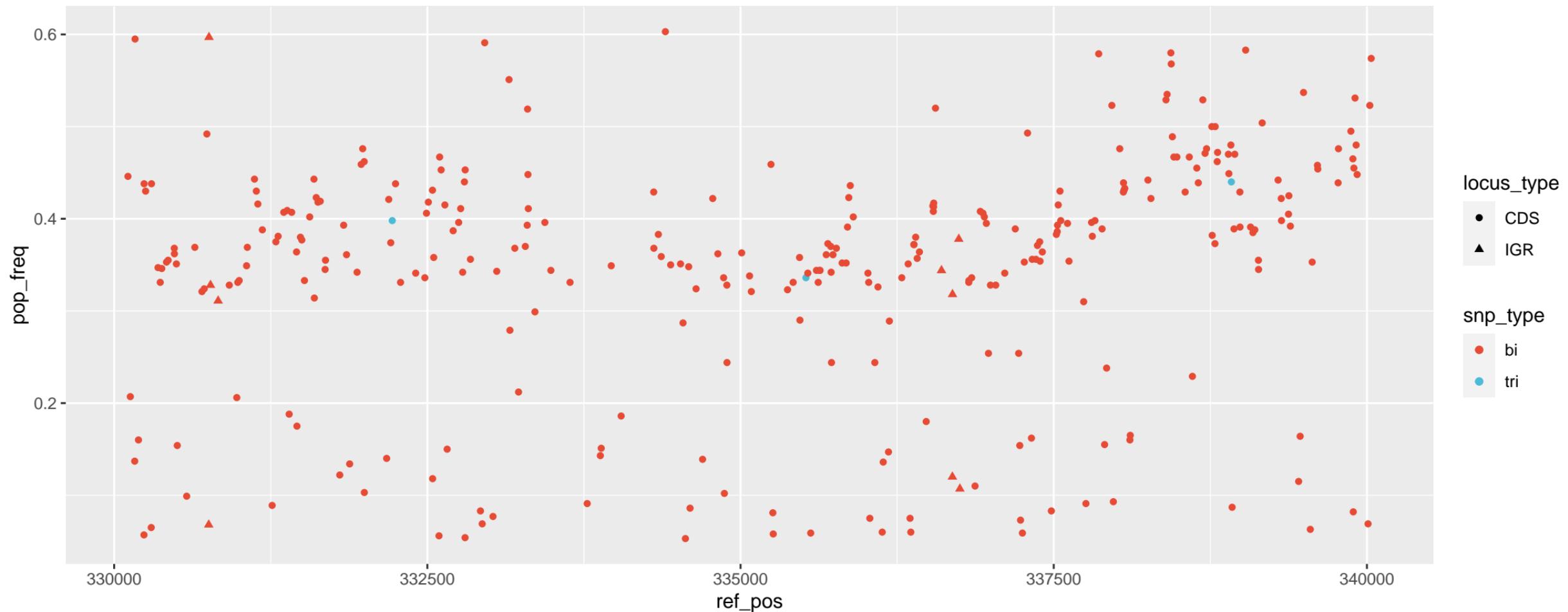
## UHGG143505\_1:310052–320052



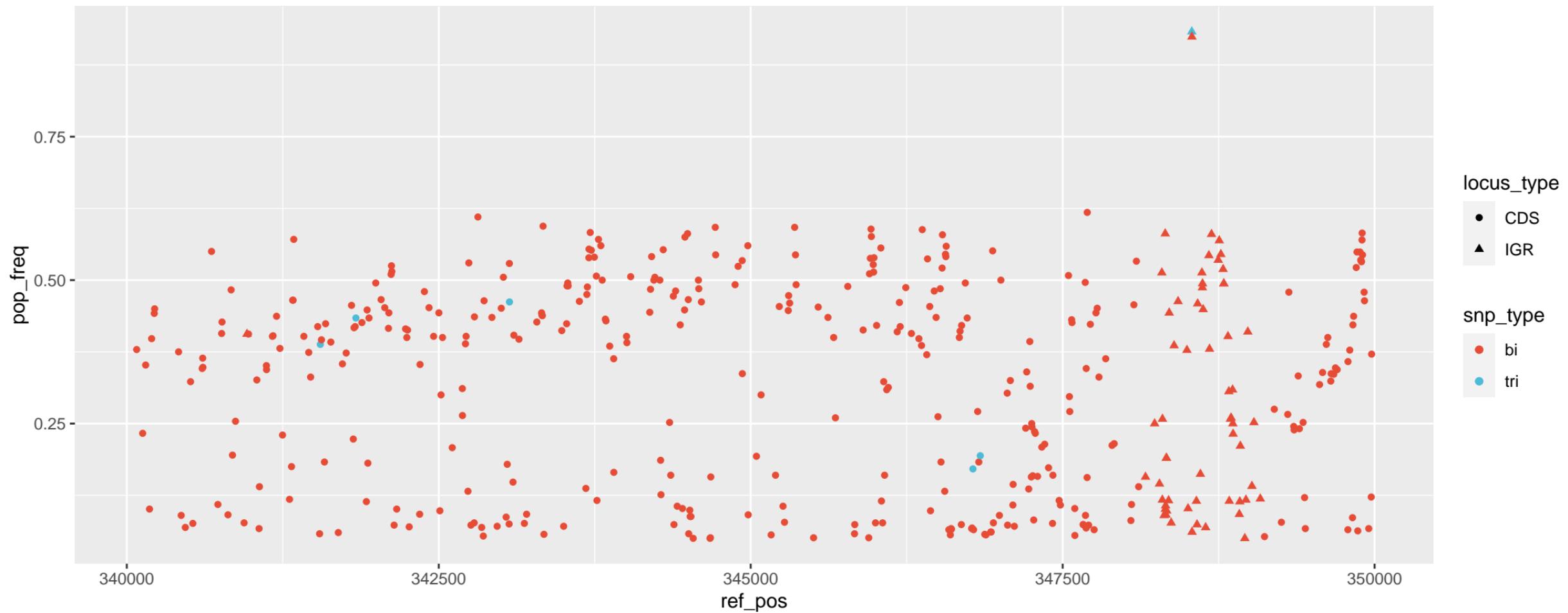
## UHGG143505\_1:320052–330052



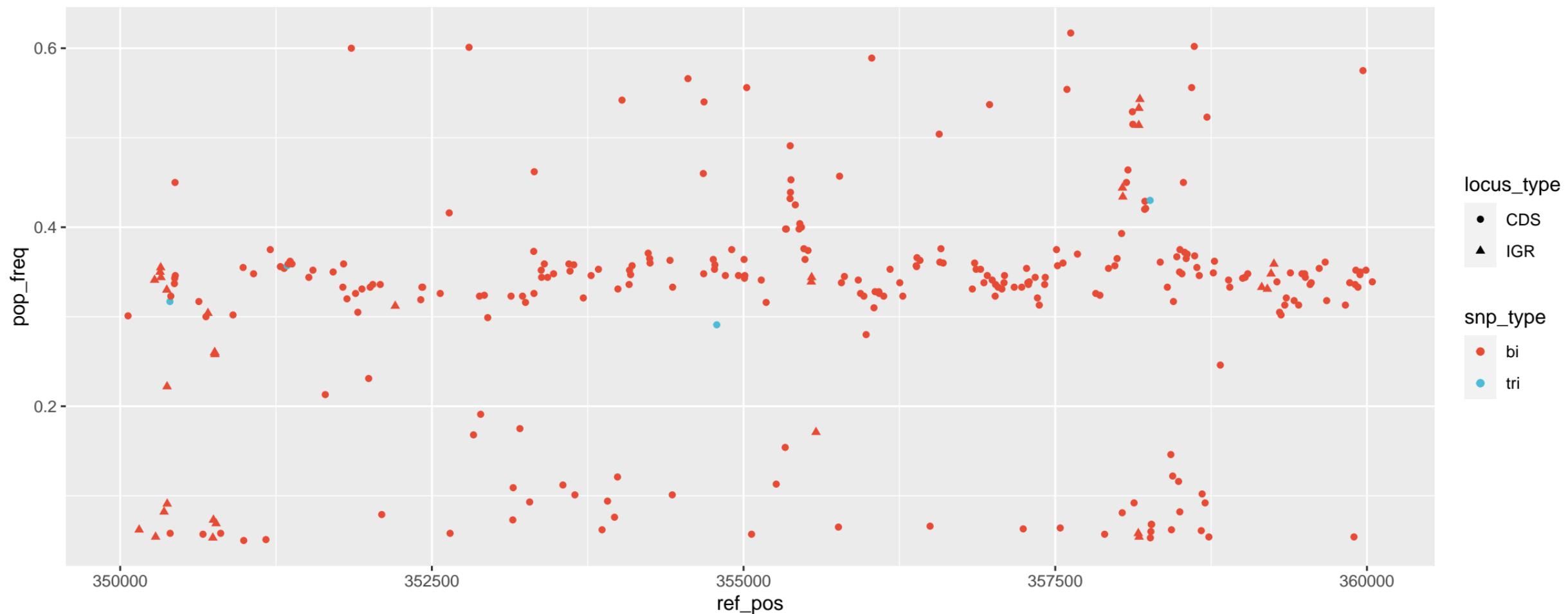
## UHGG143505\_1:330052–340052



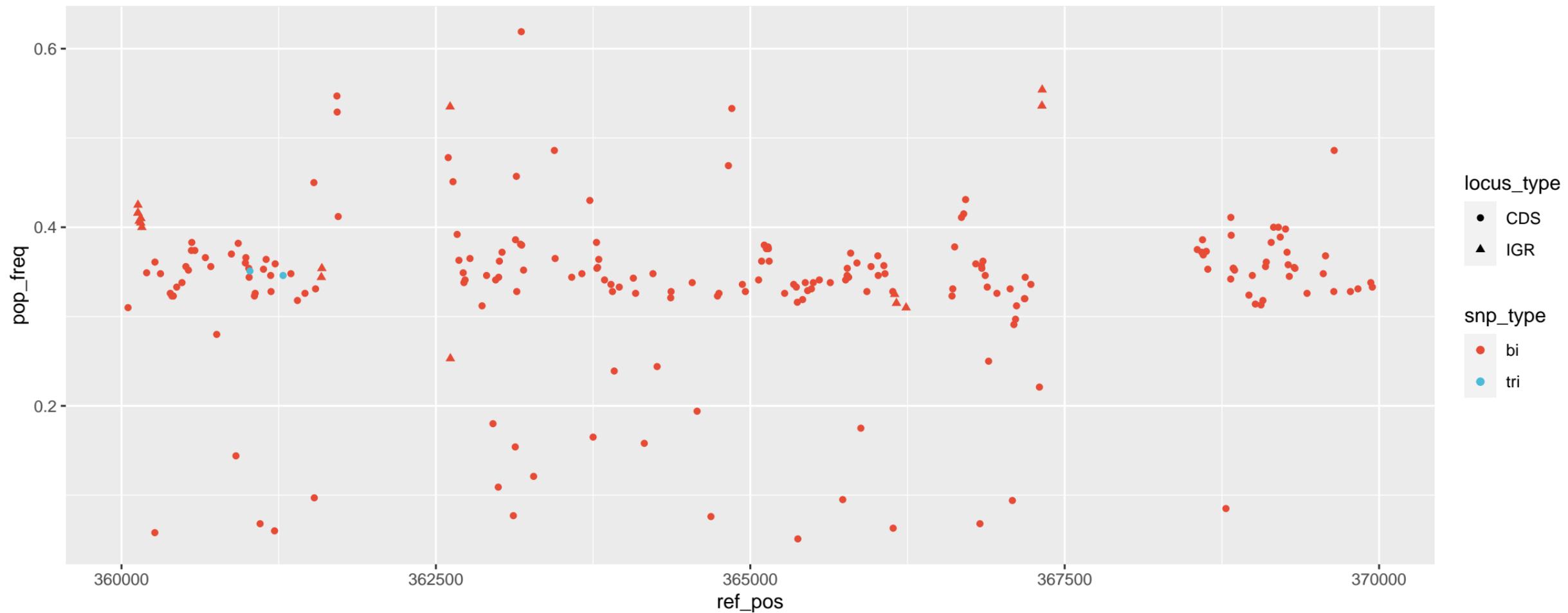
## UHGG143505\_1:340052–350052



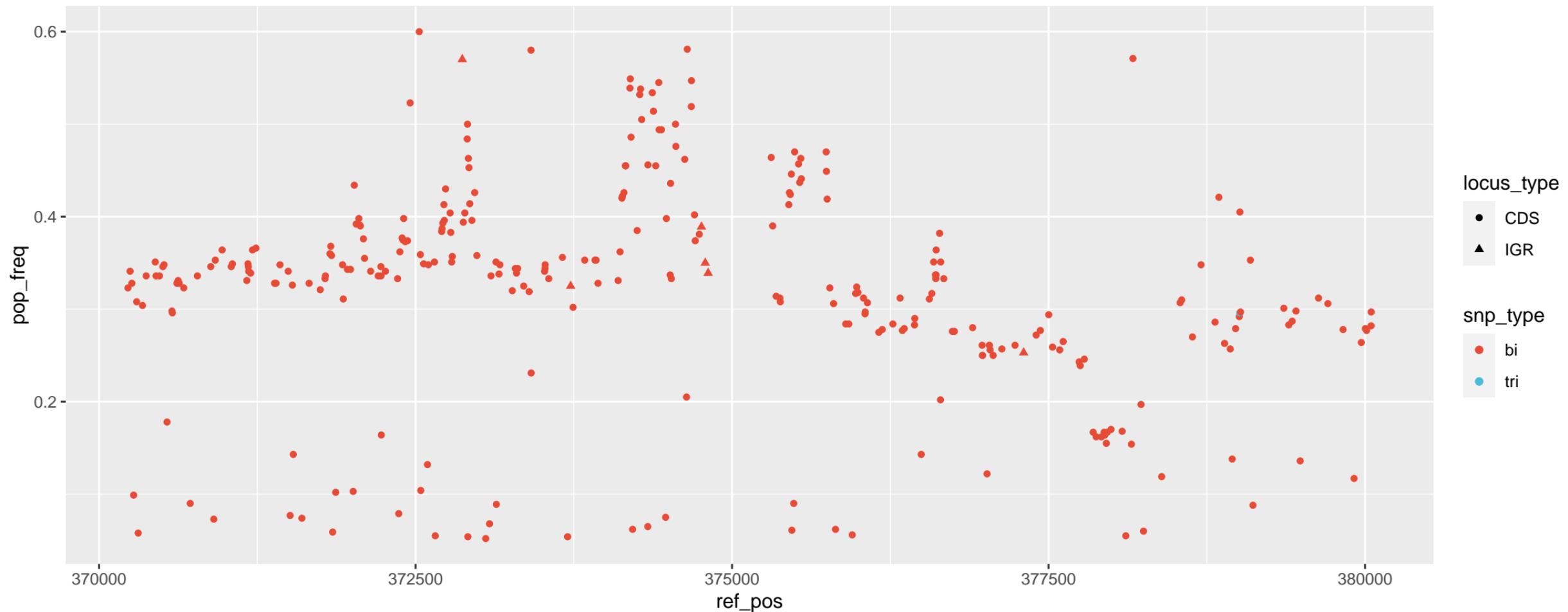
## UHGG143505\_1:350052–360052



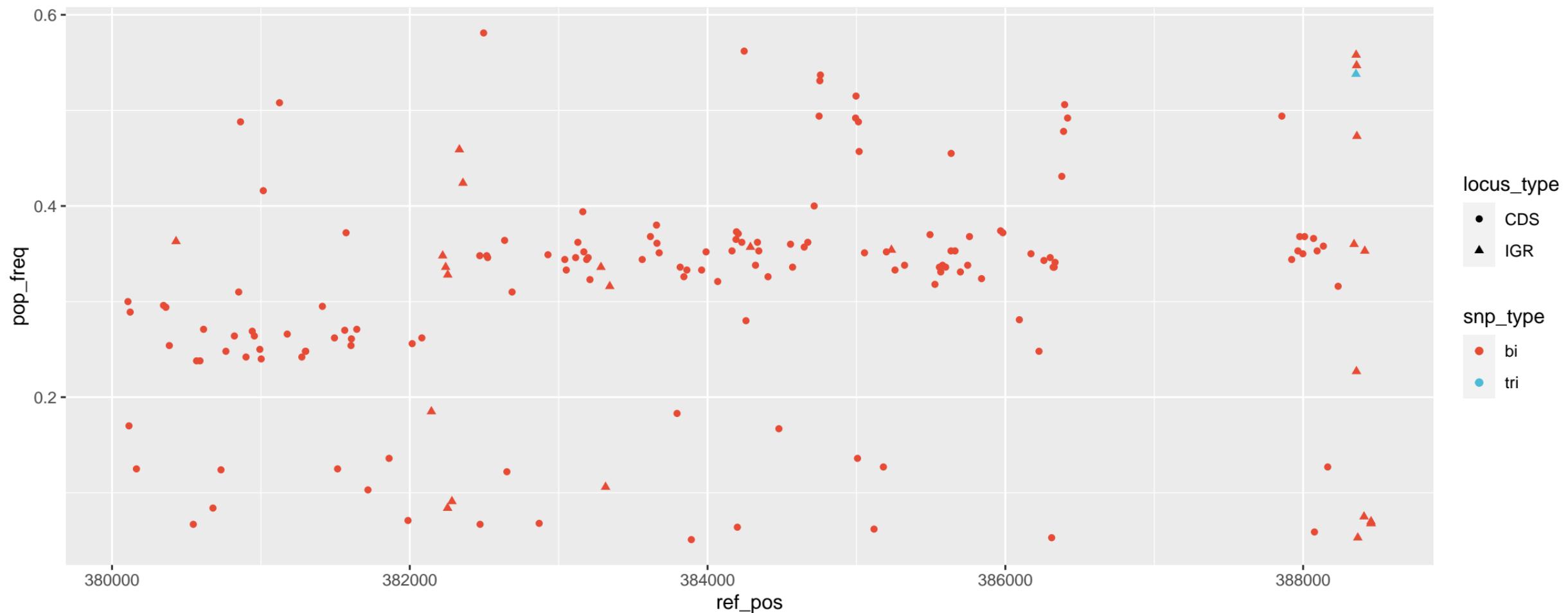
## UHGG143505\_1:360052–370052



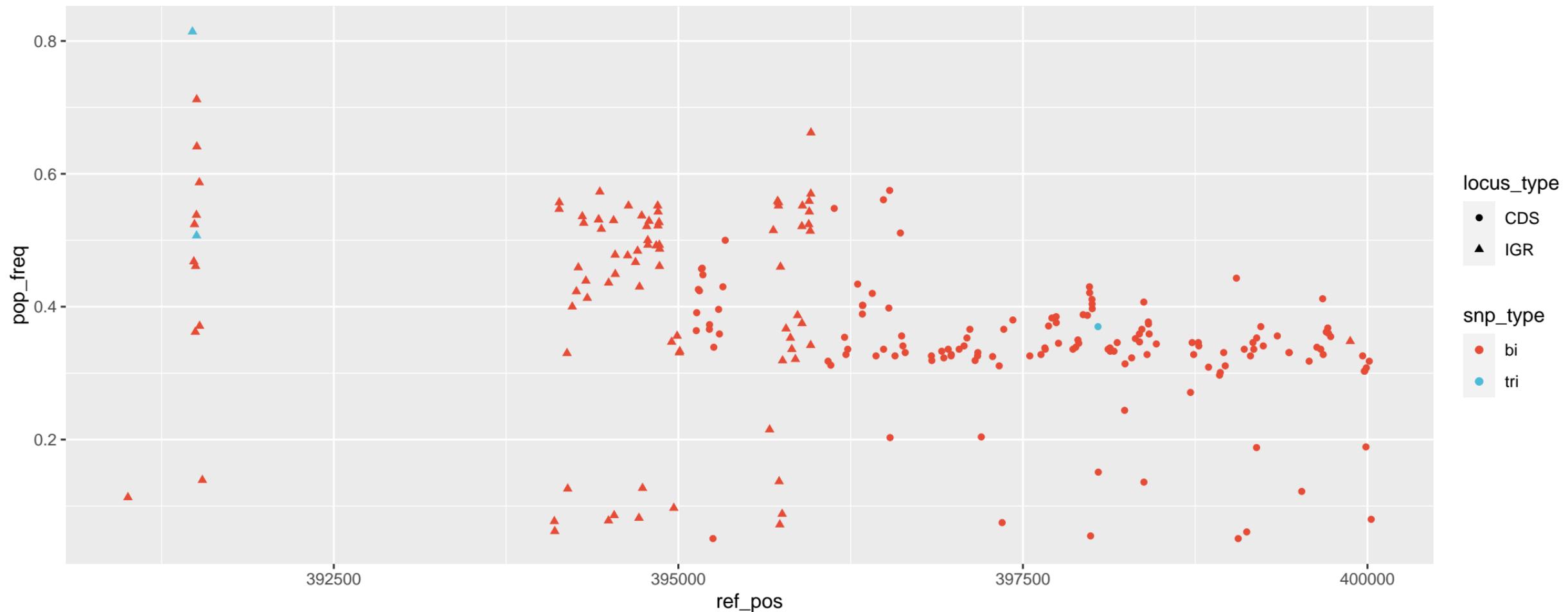
## UHGG143505\_1:370052–380052



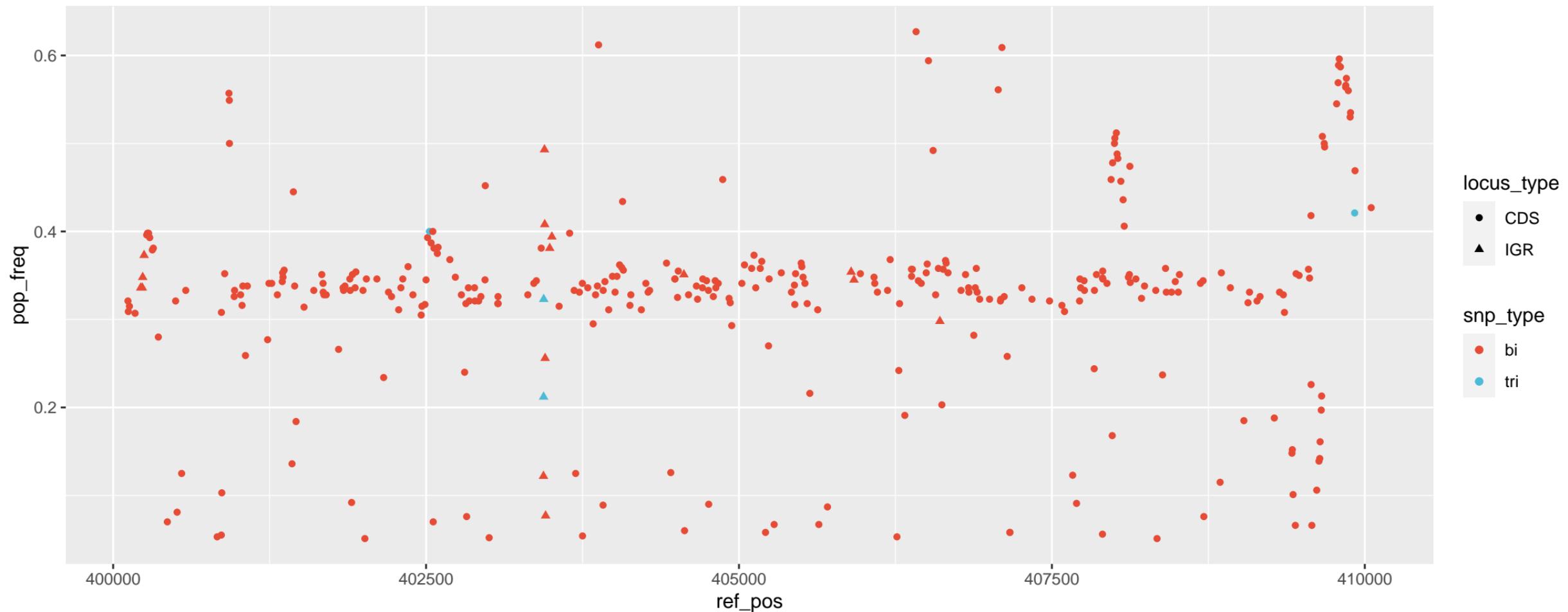
## UHGG143505\_1:380052–390052



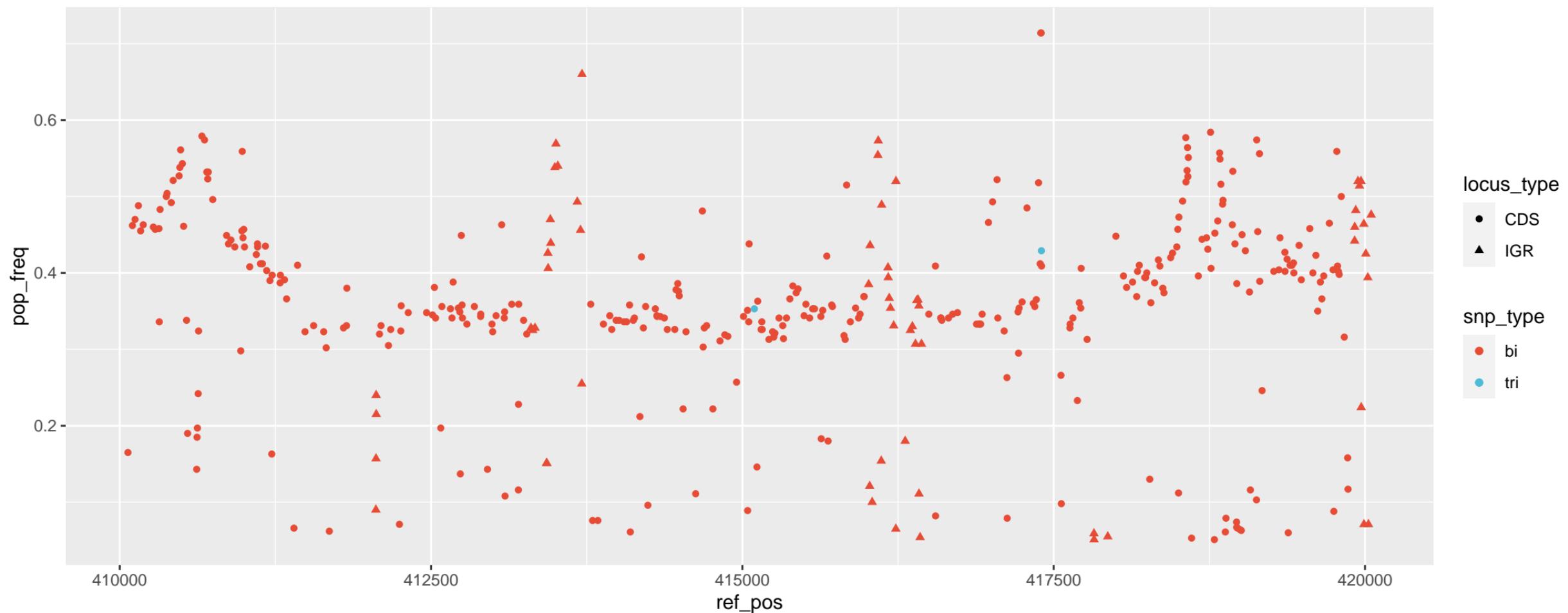
## UHGG143505\_1:390052–400052



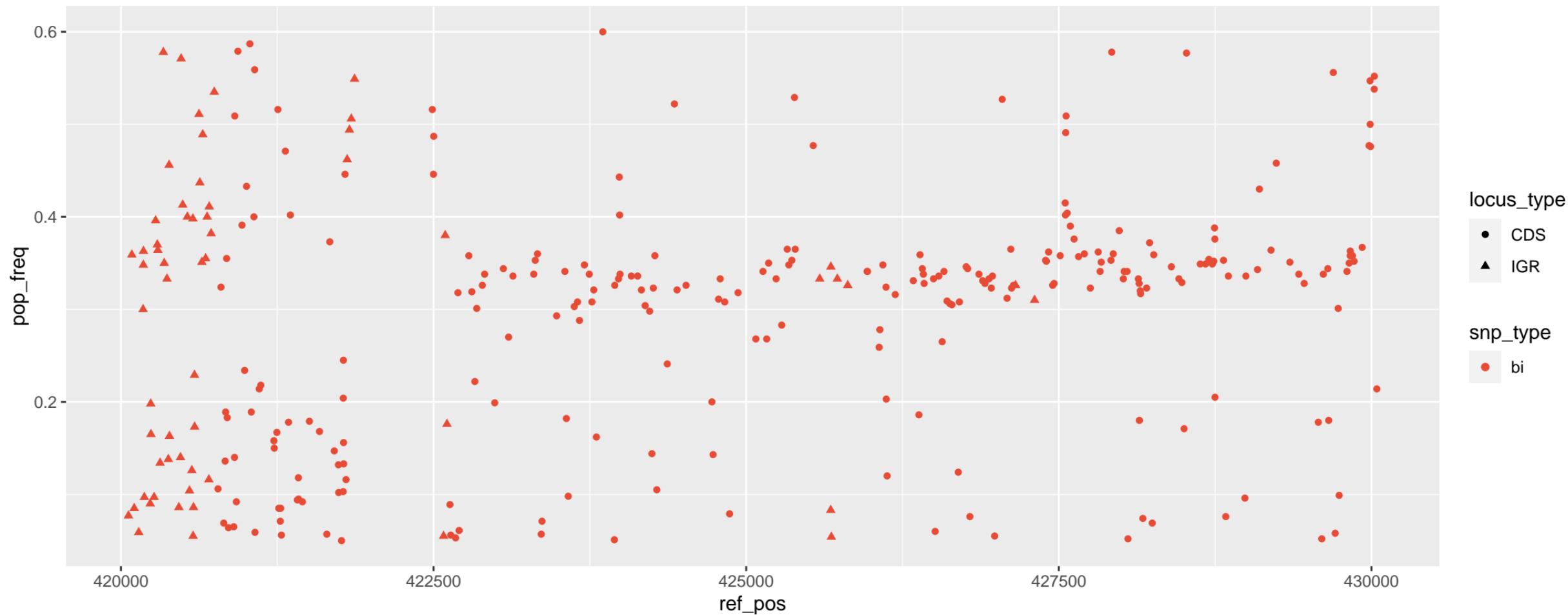
## UHGG143505\_1:400052–410052



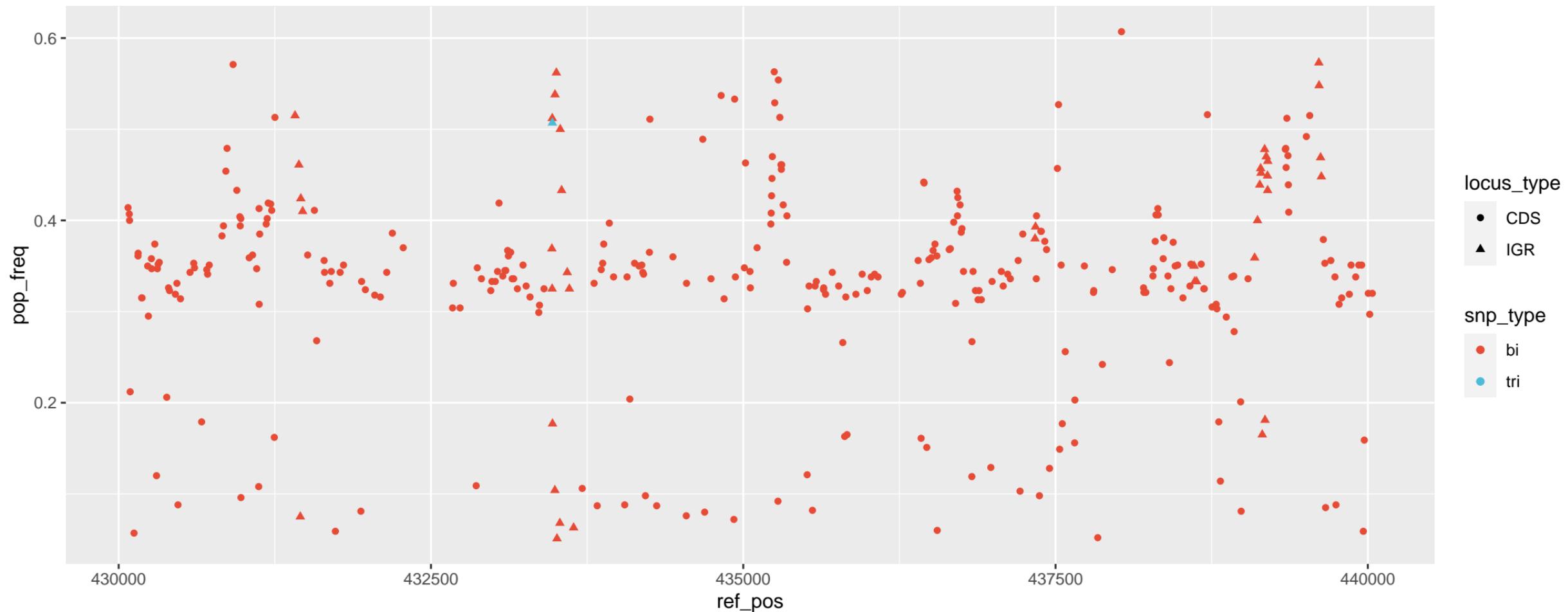
## UHGG143505\_1:410052–420052



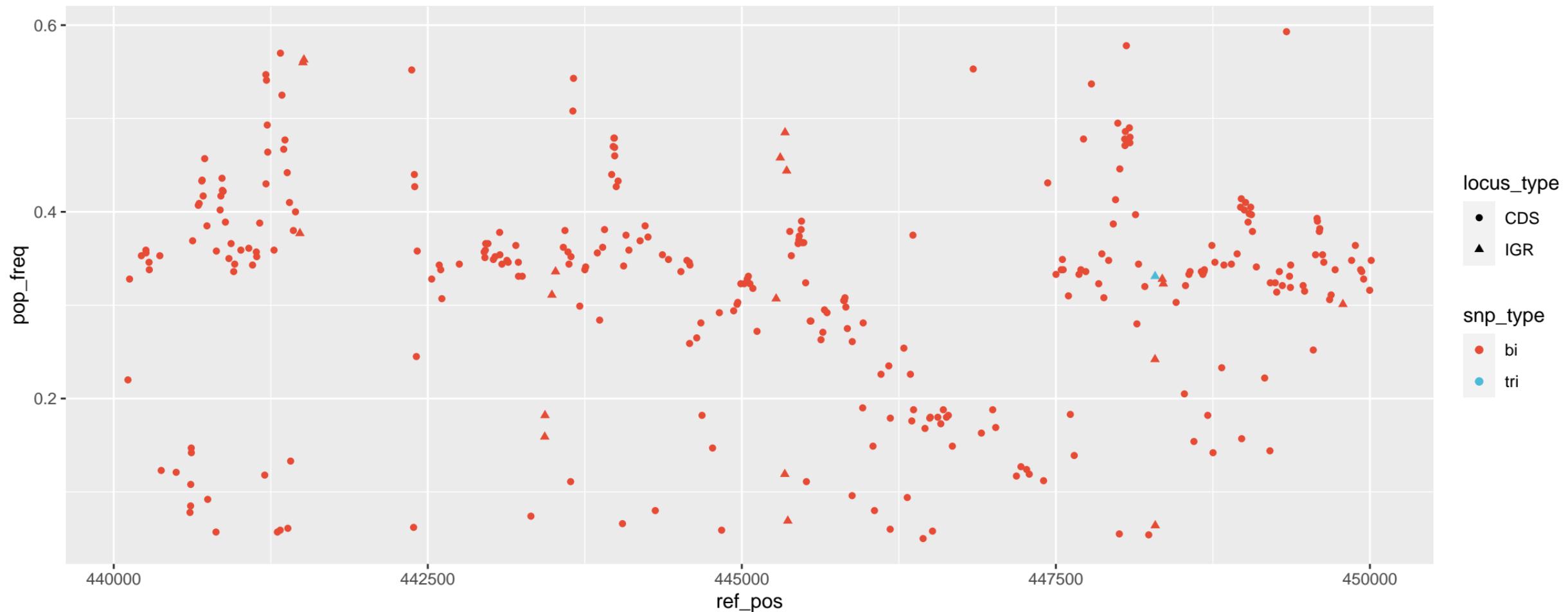
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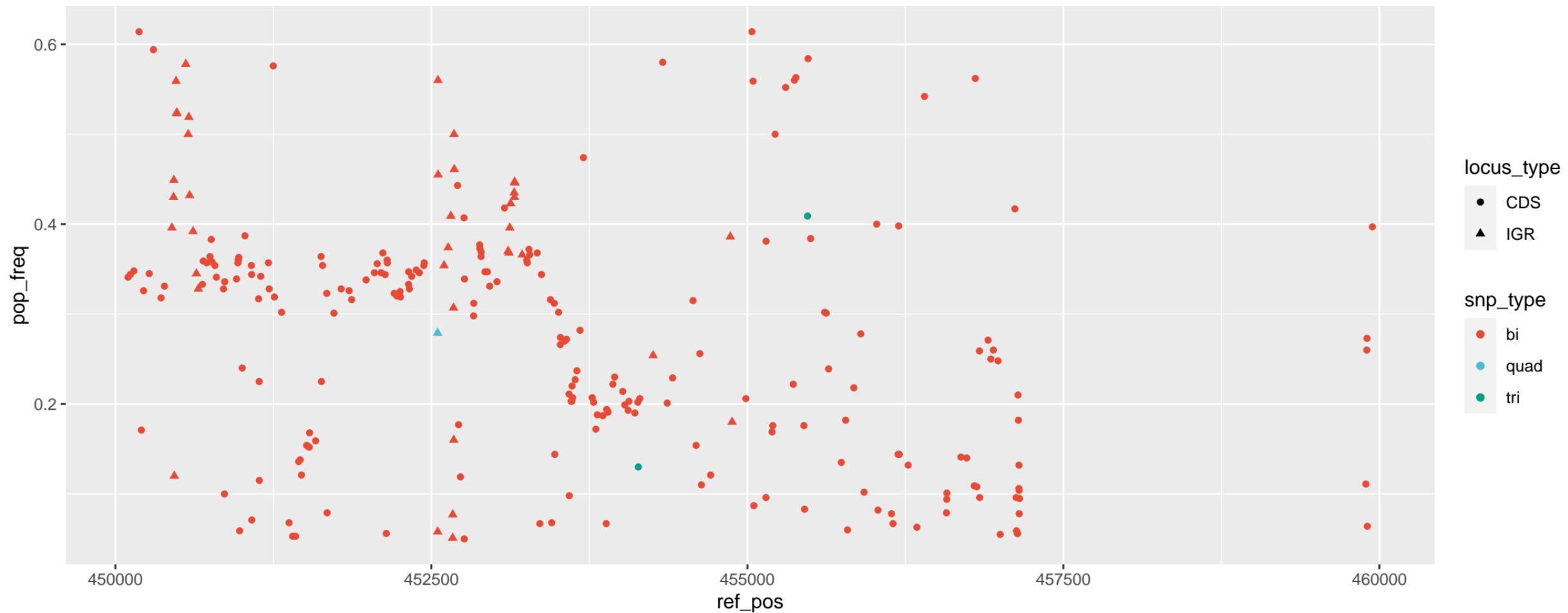
## UHGG143505\_1:430052–440052

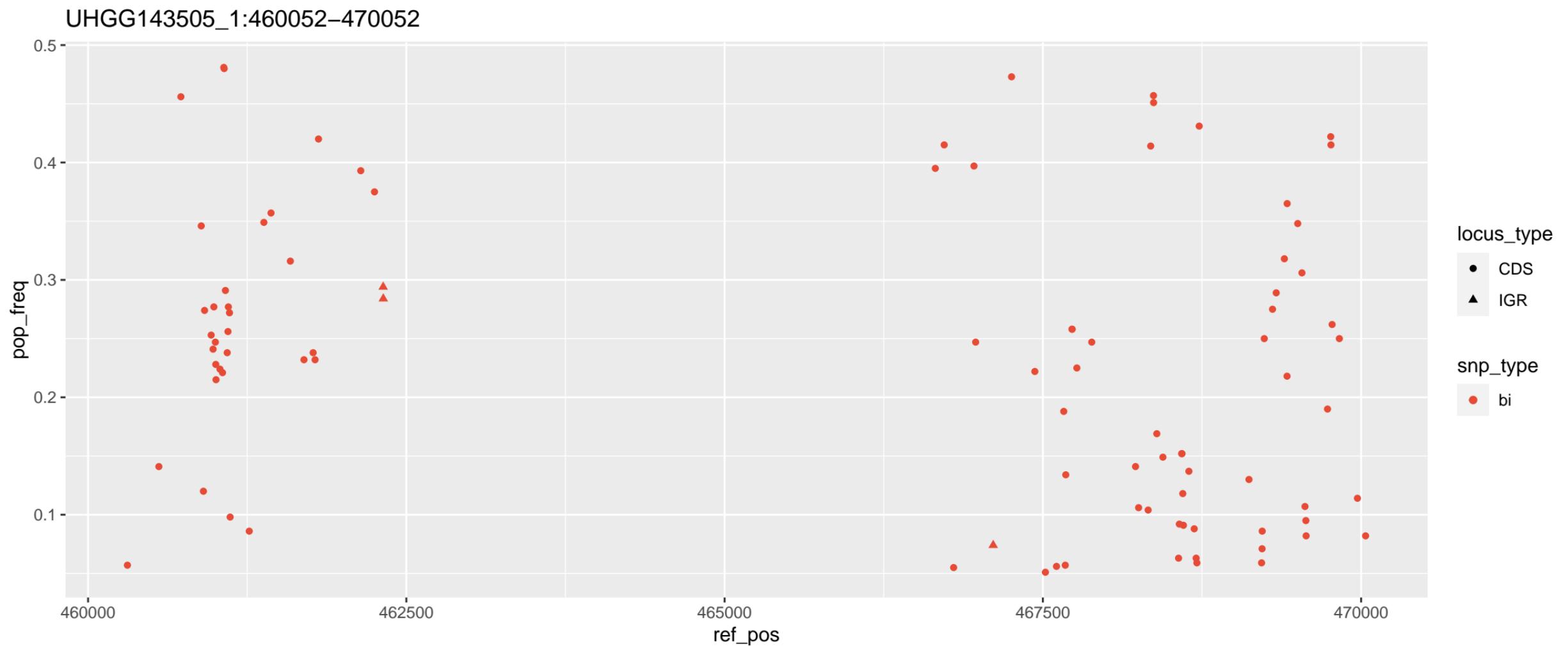


## UHGG143505\_1:440052–450052

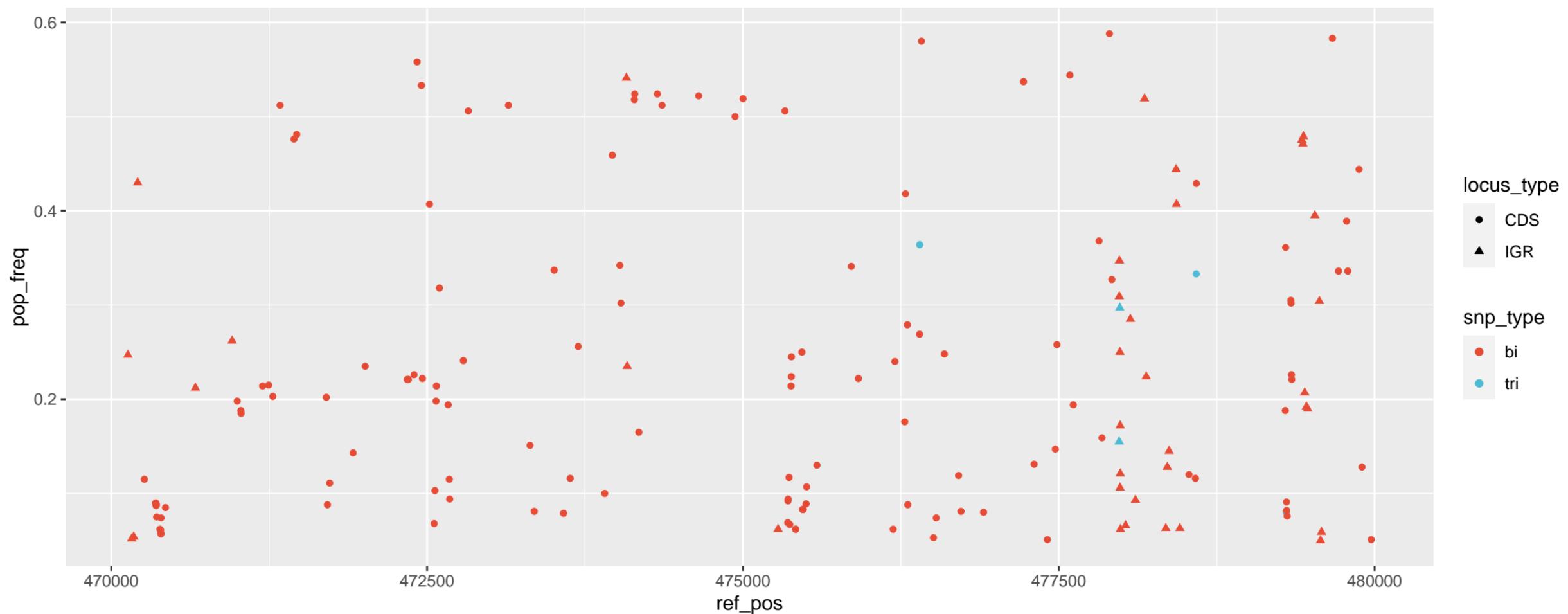


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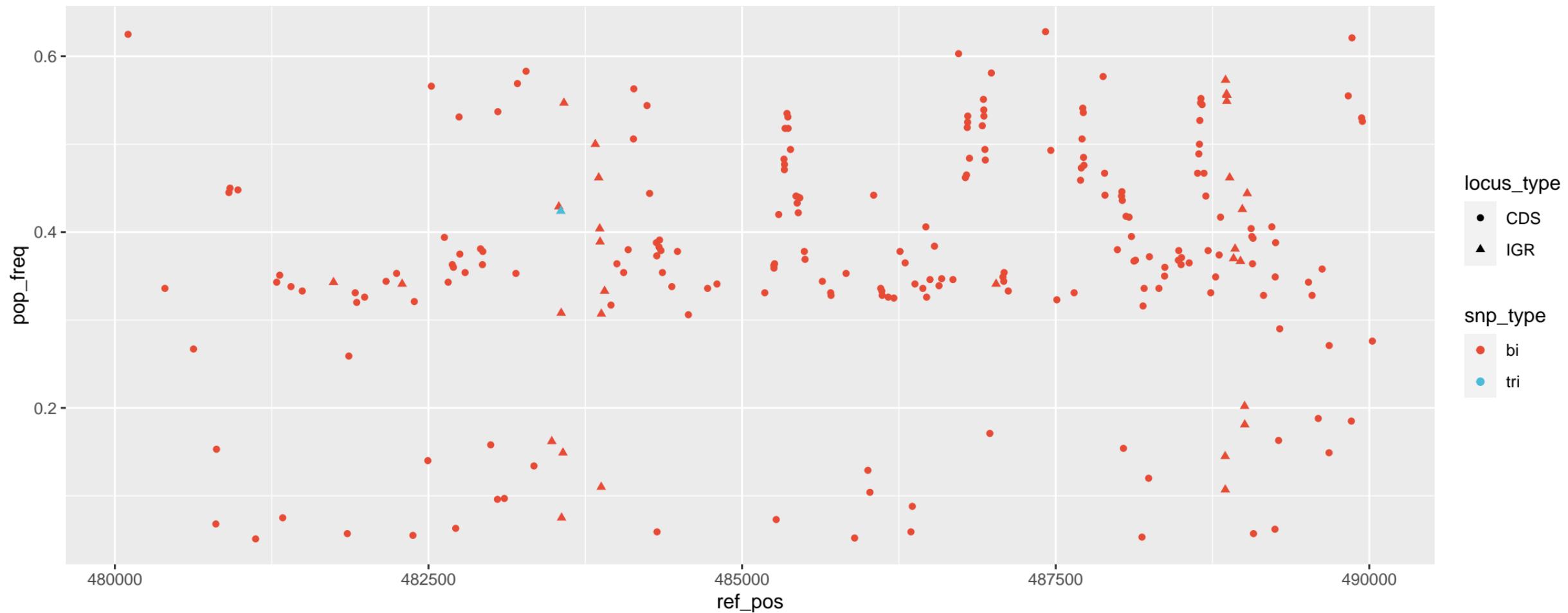




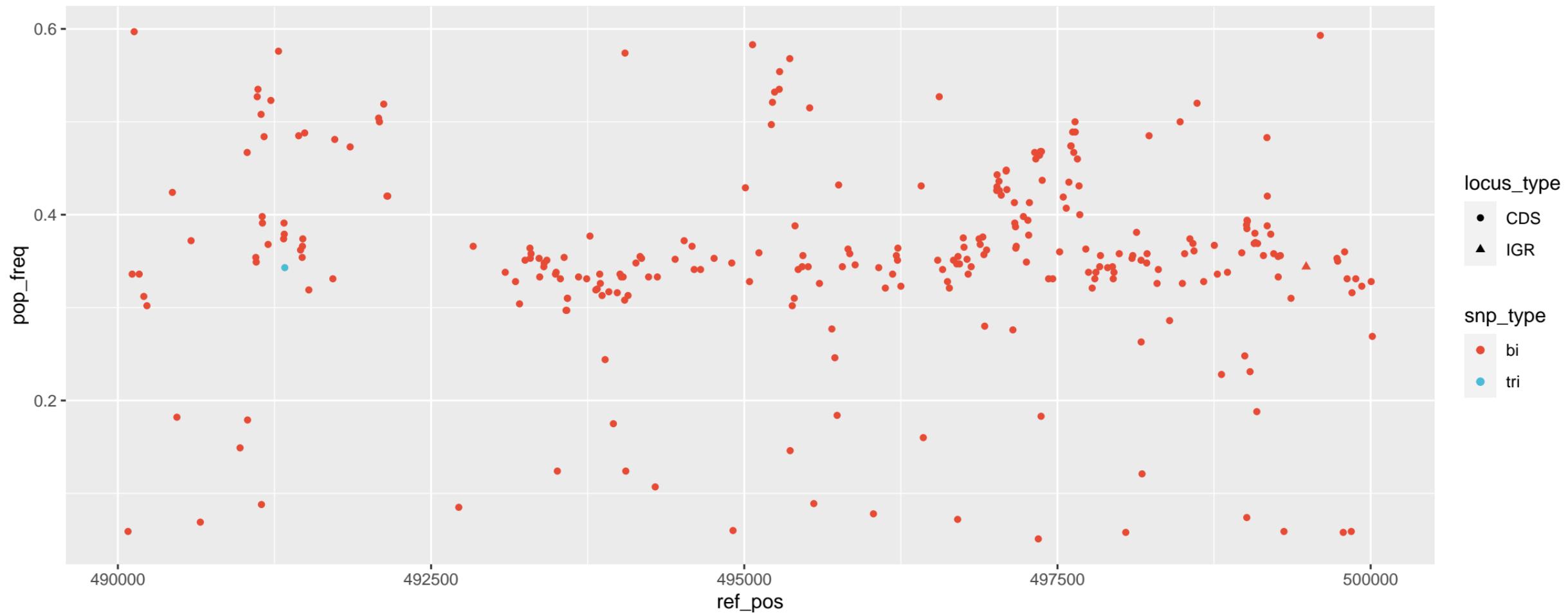
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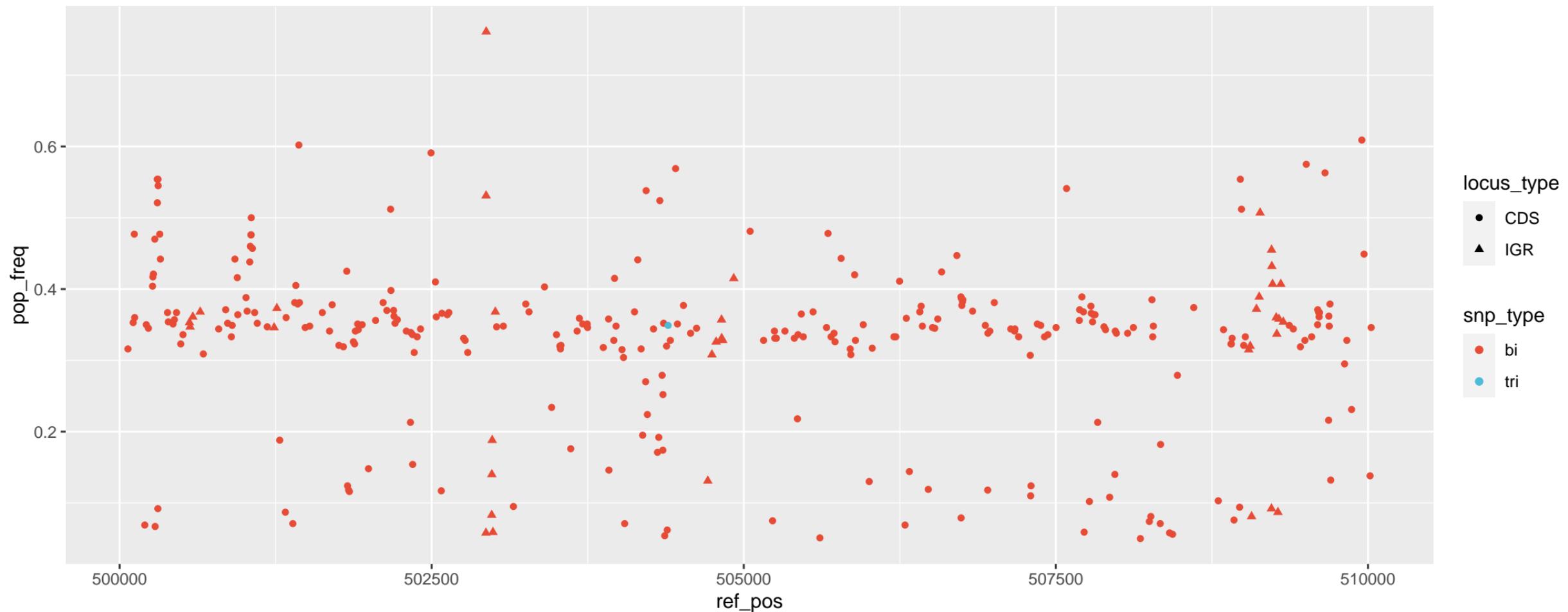
## UHGG143505\_1:480052–490052



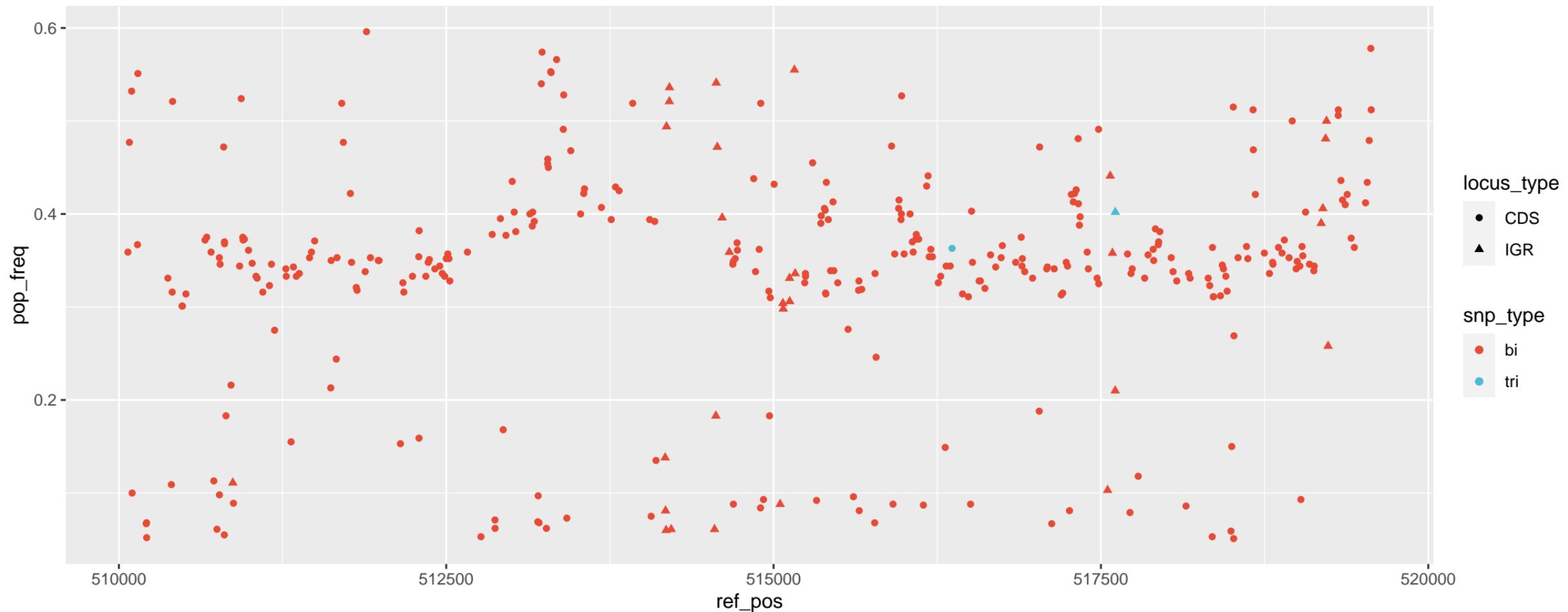
## UHGG143505\_1:490052–500052



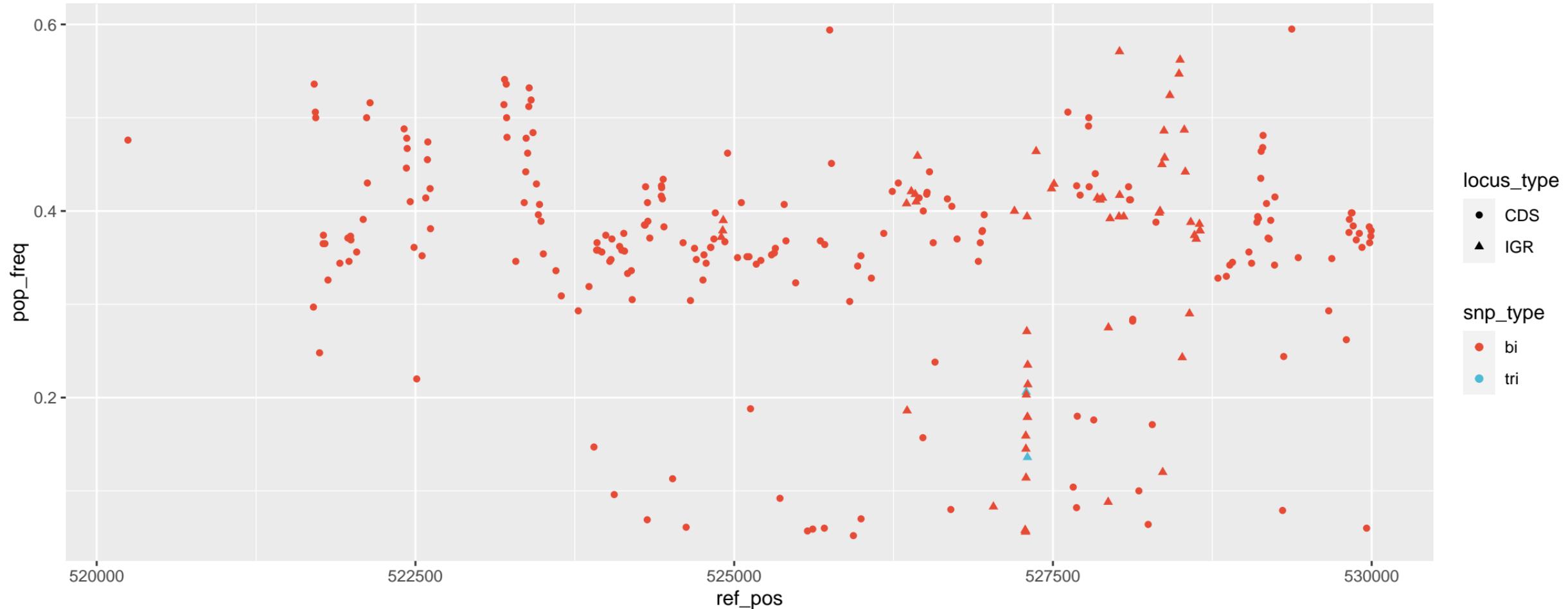
## UHGG143505\_1:500052–510052



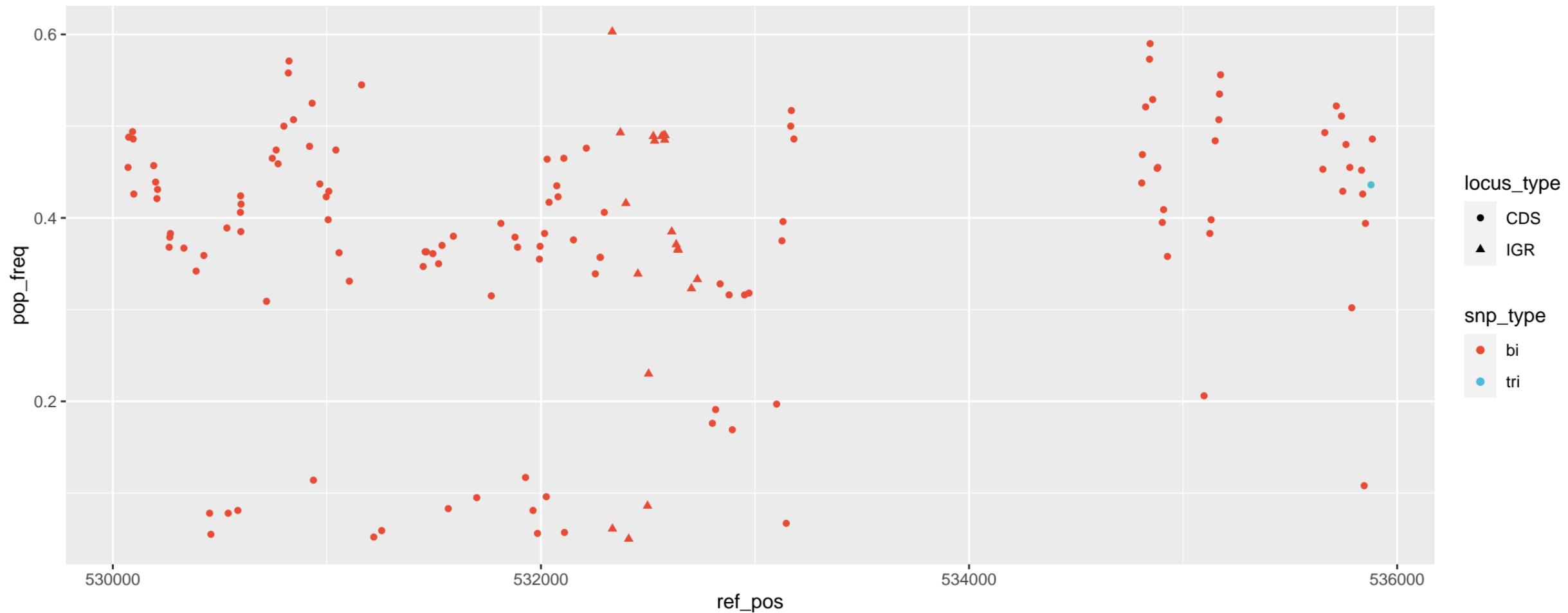
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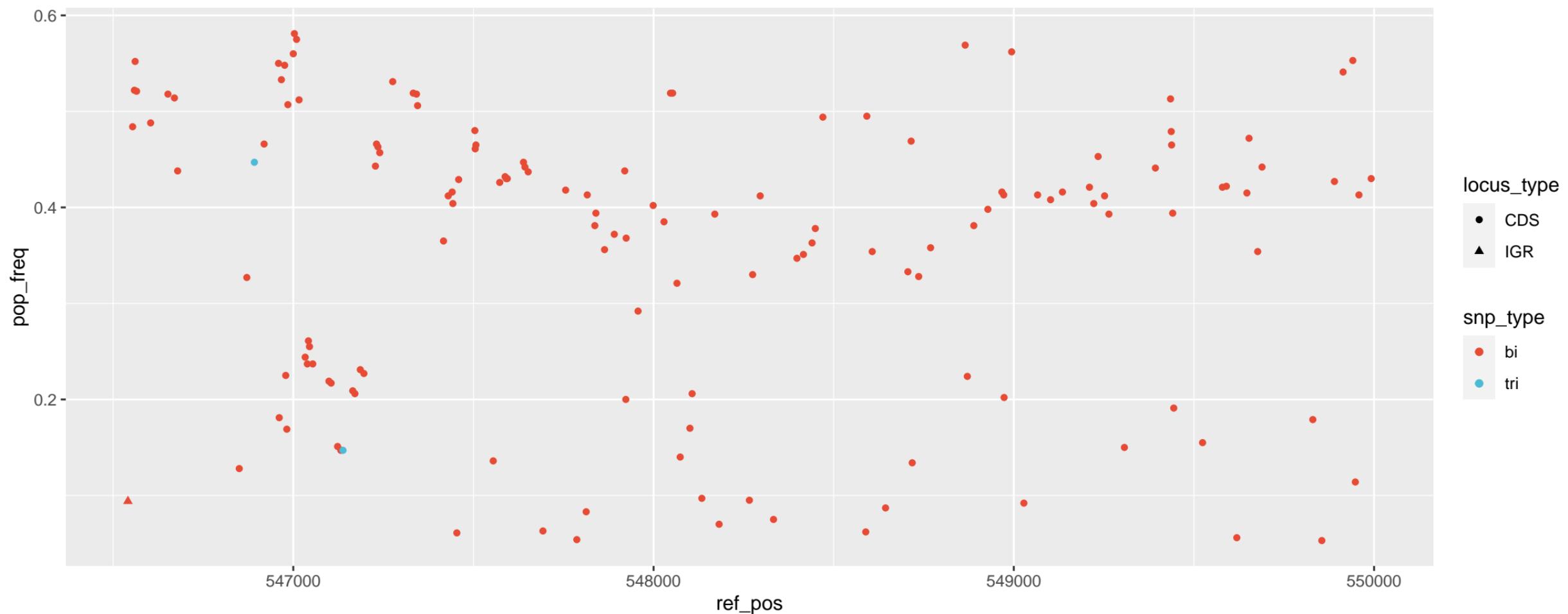
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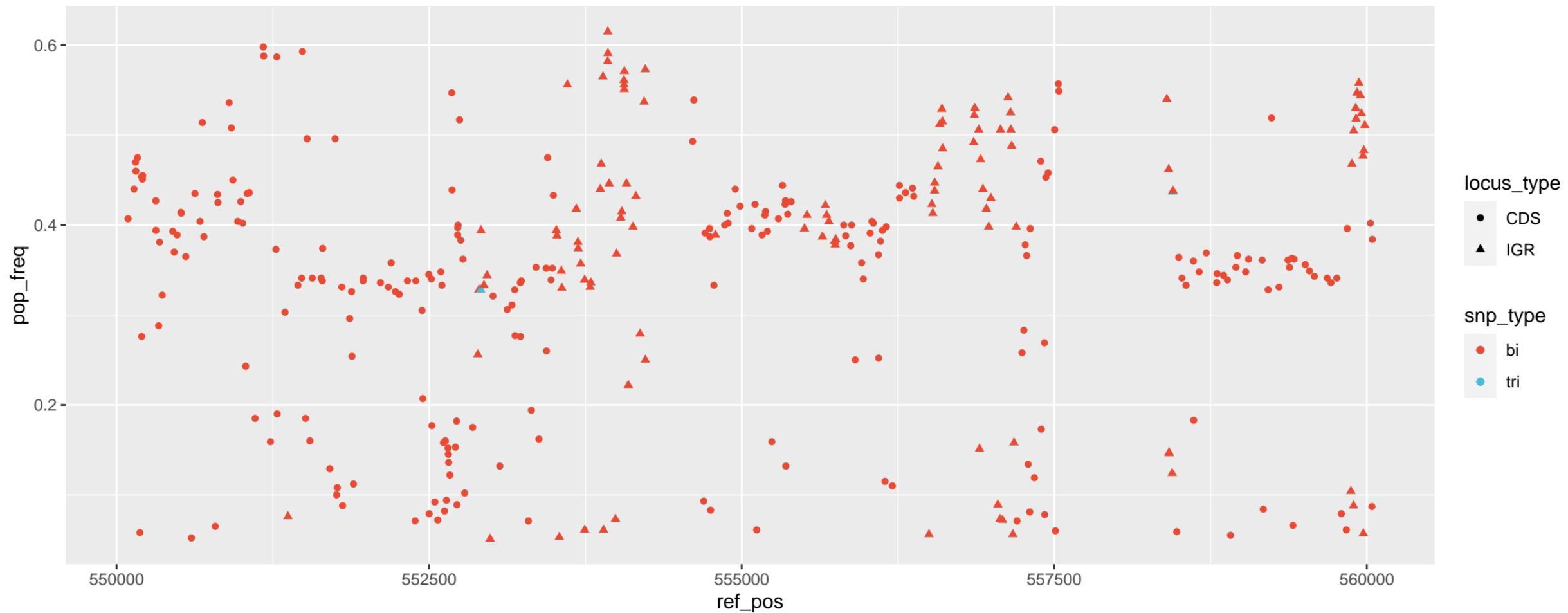
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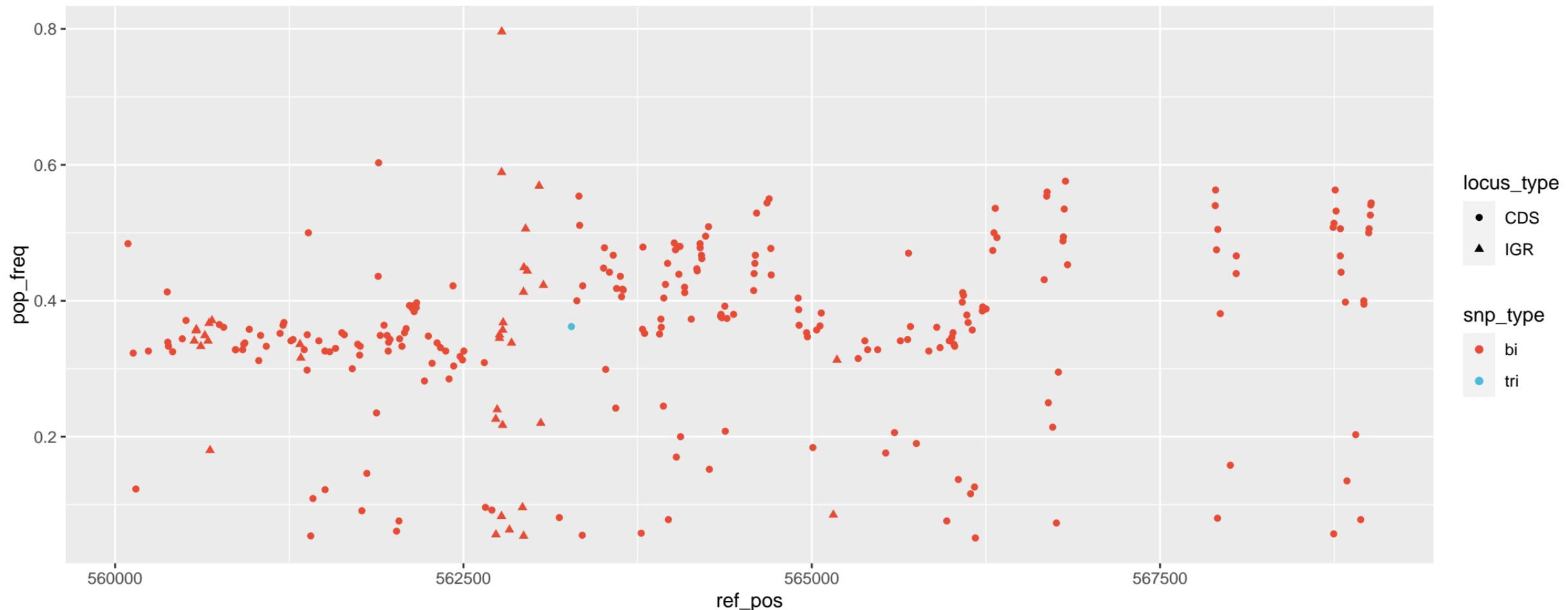
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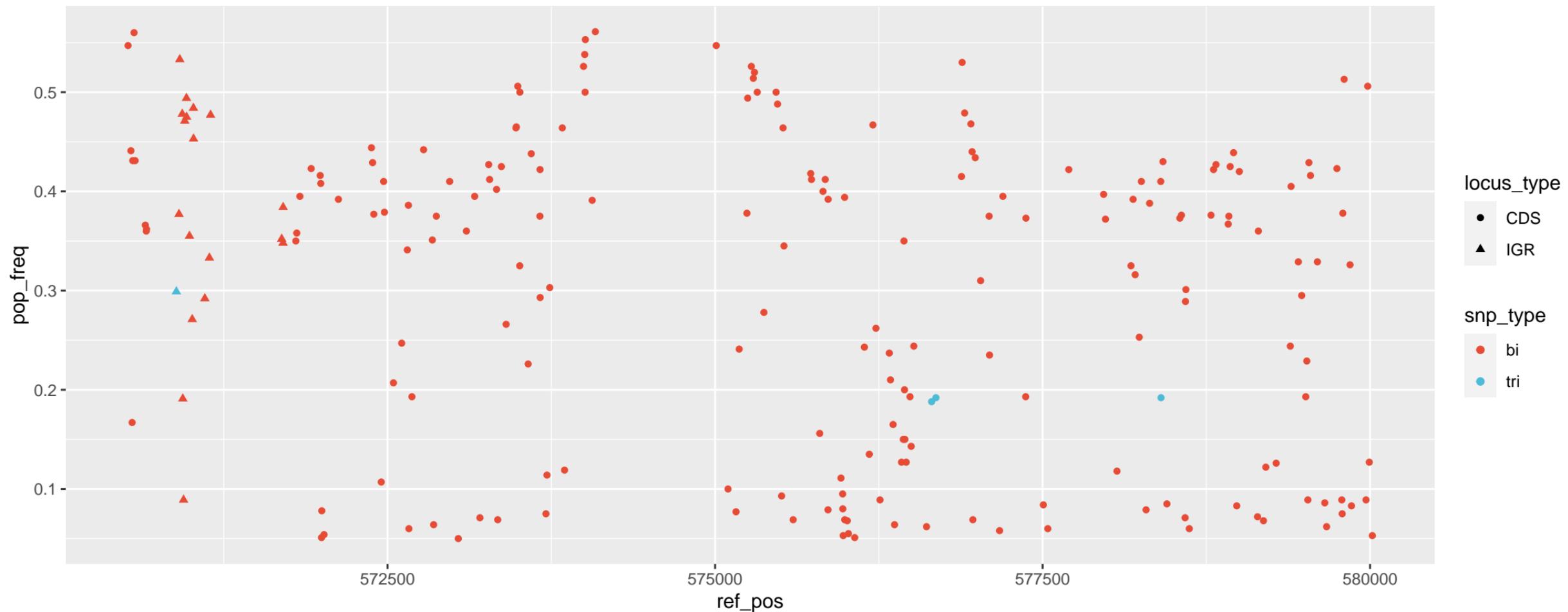
## UHGG143505\_1:550052–560052



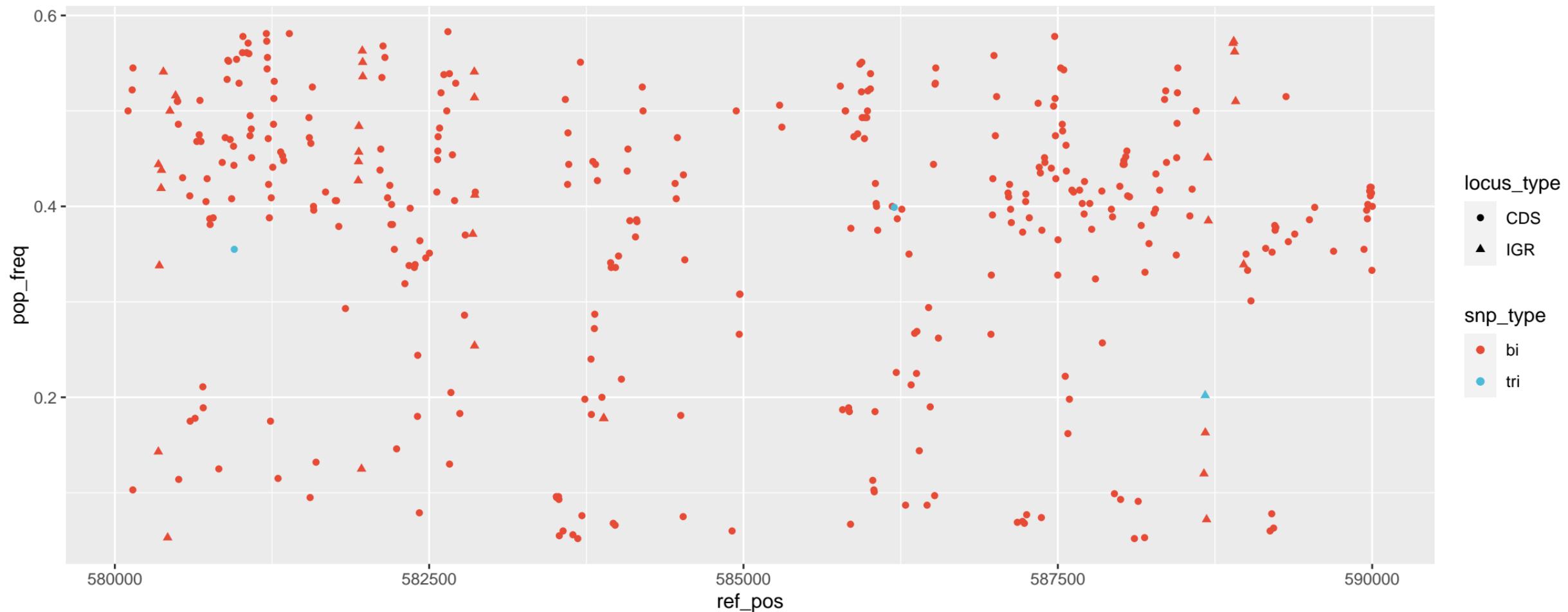
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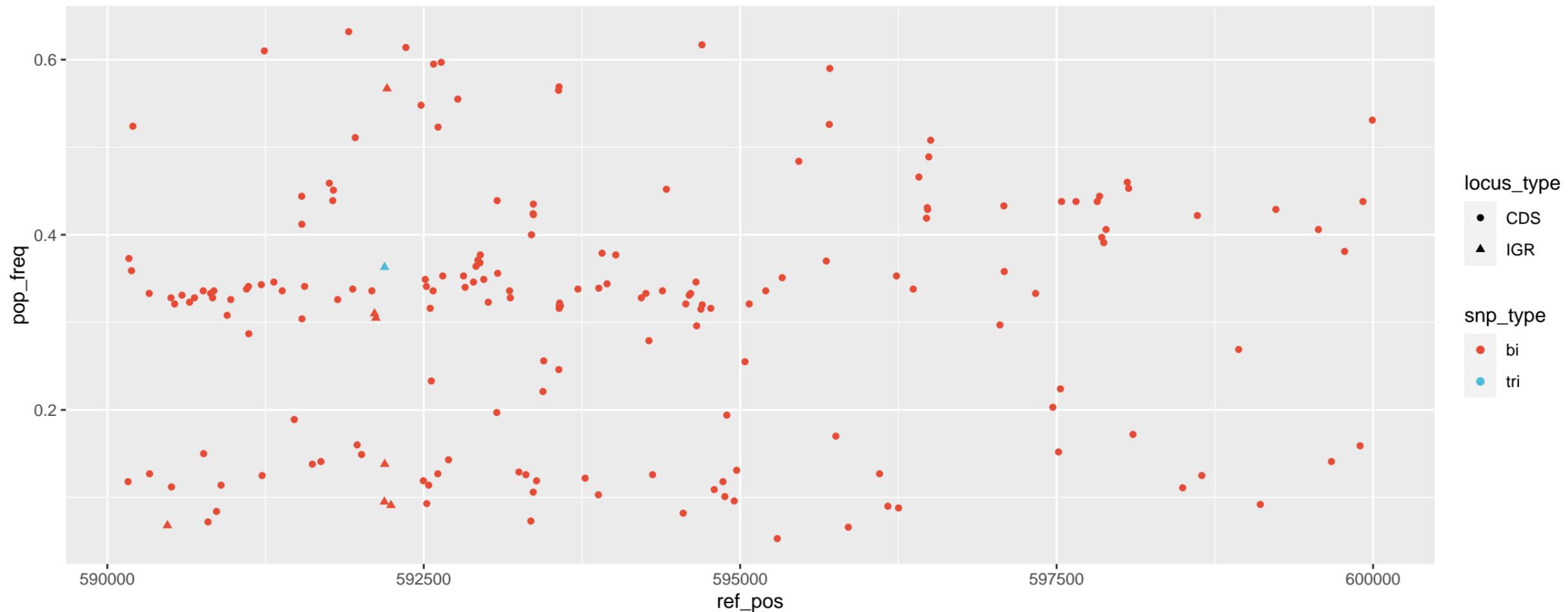
## UHGG143505\_1:570052–580052



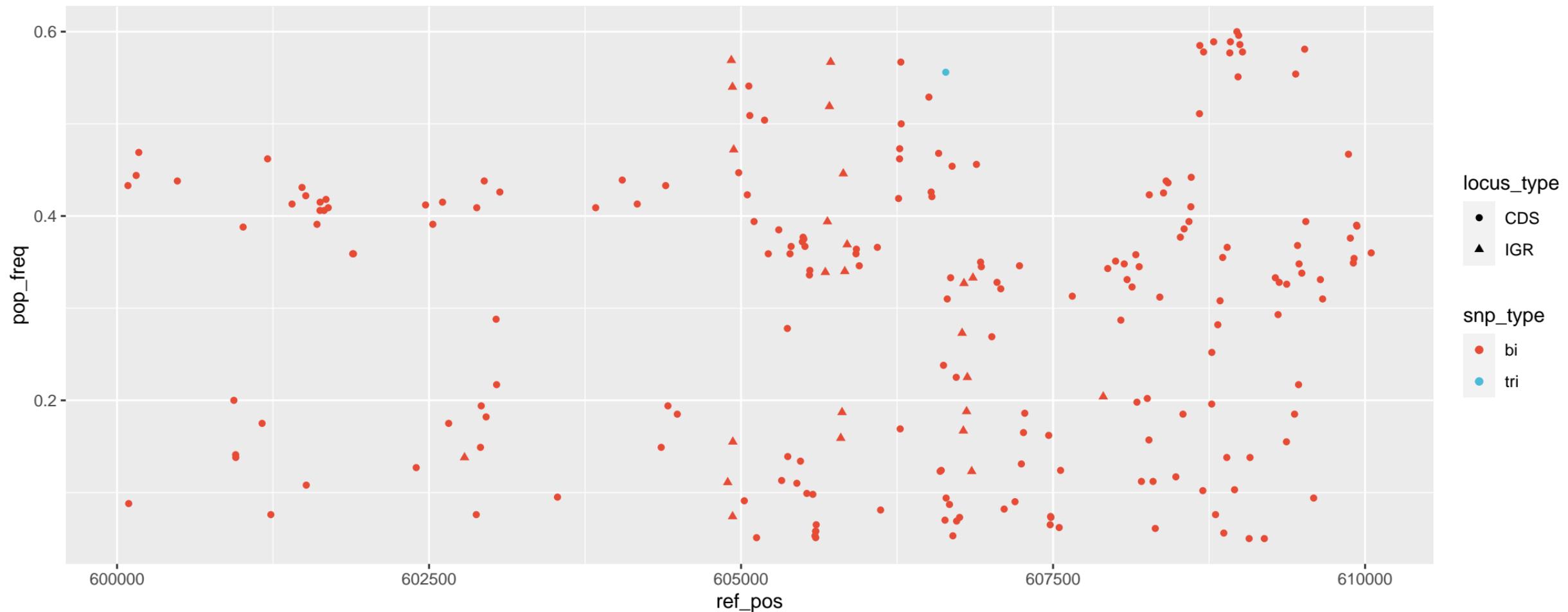
## UHGG143505\_1:580052–590052



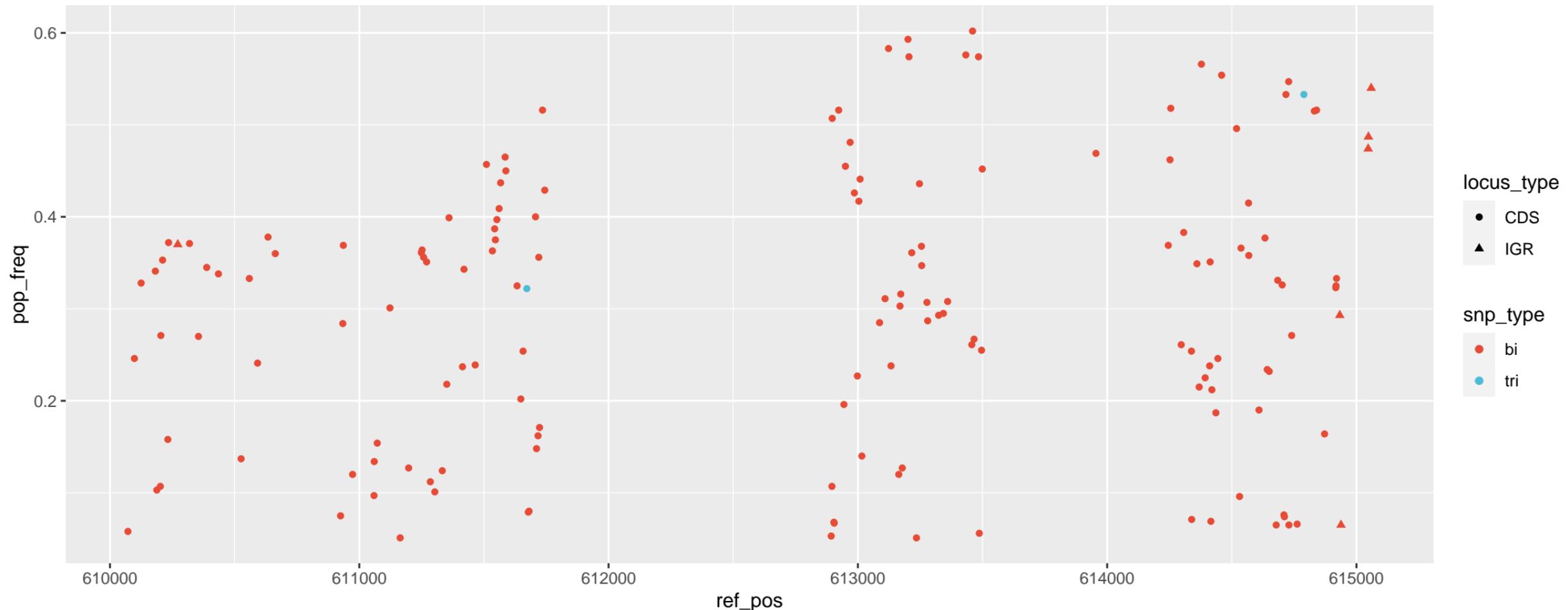
## UHGG143505\_1:590052–600052



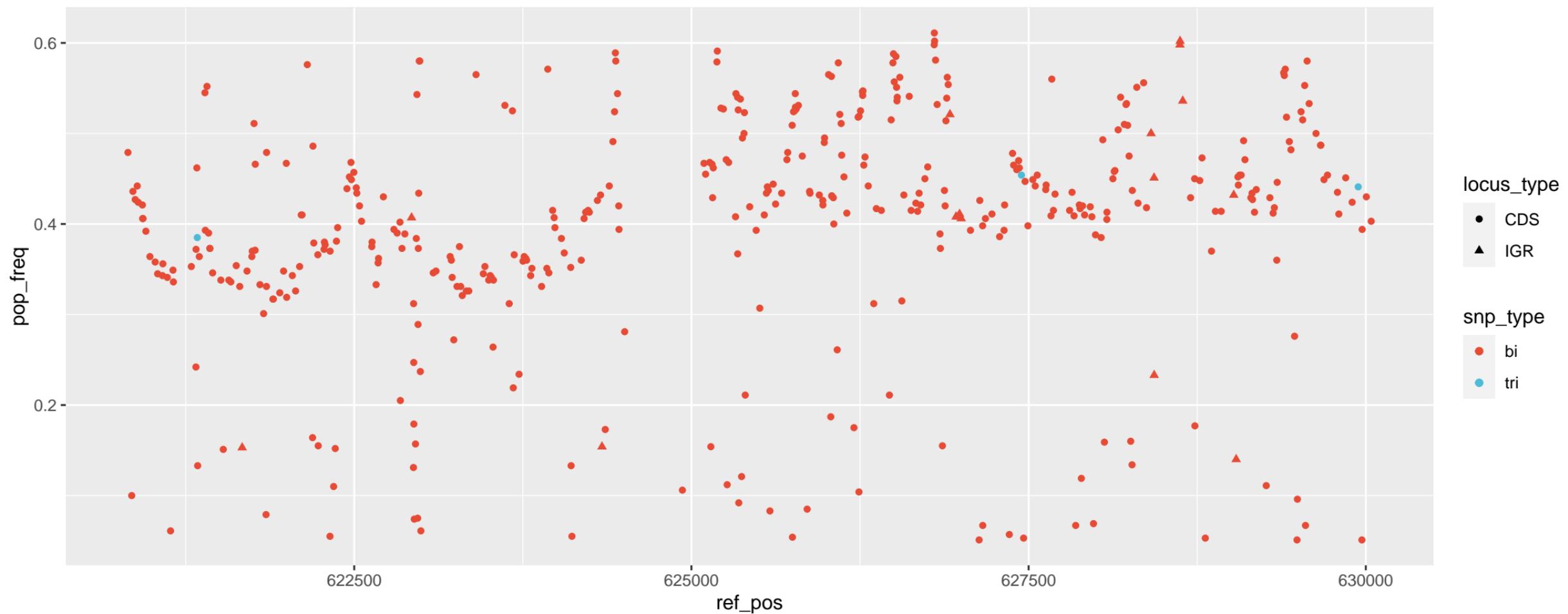
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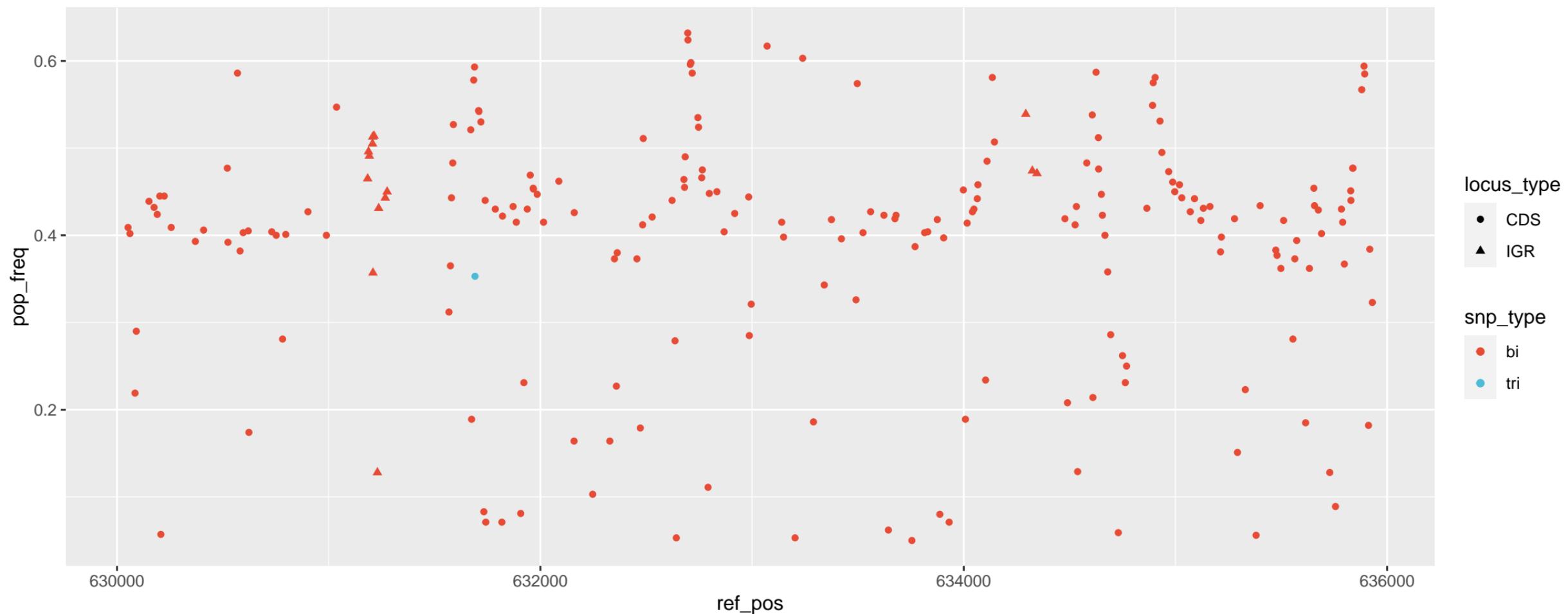
## UHGG143505\_1:610052–620052

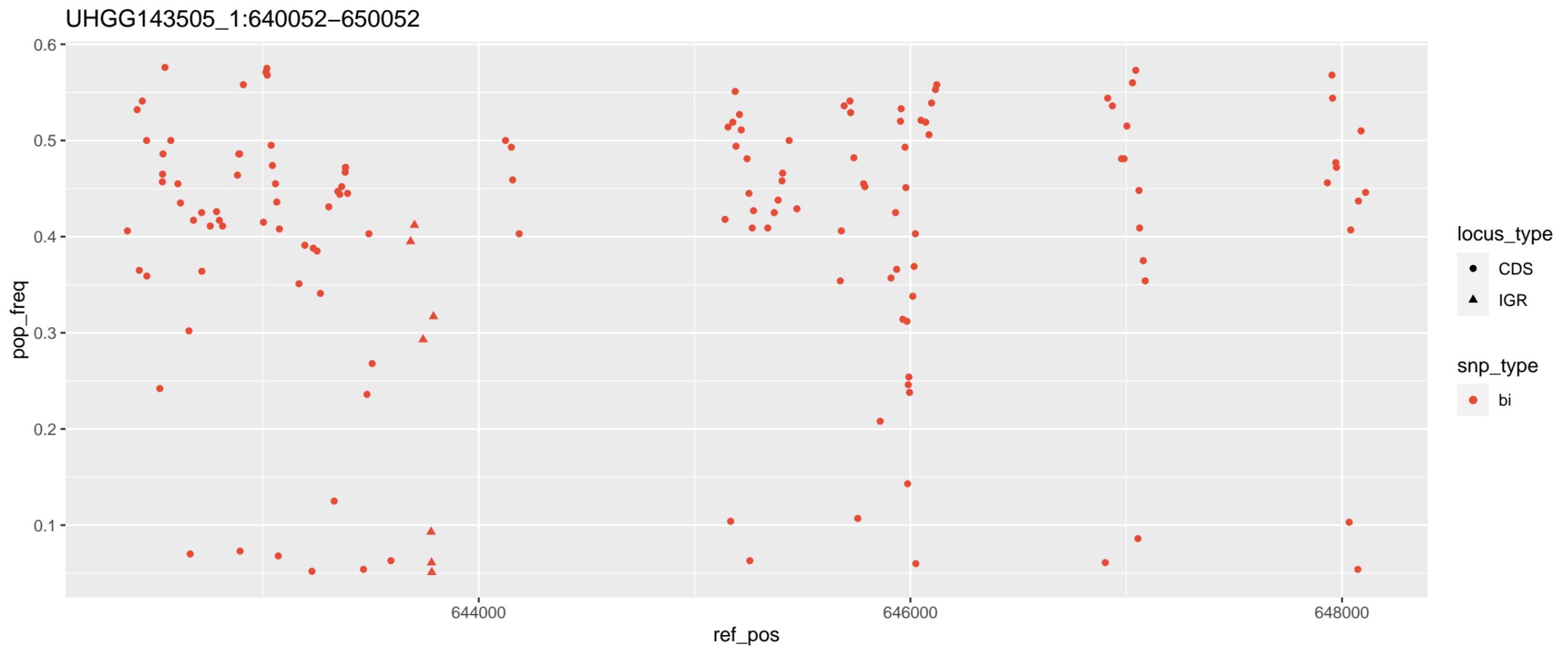


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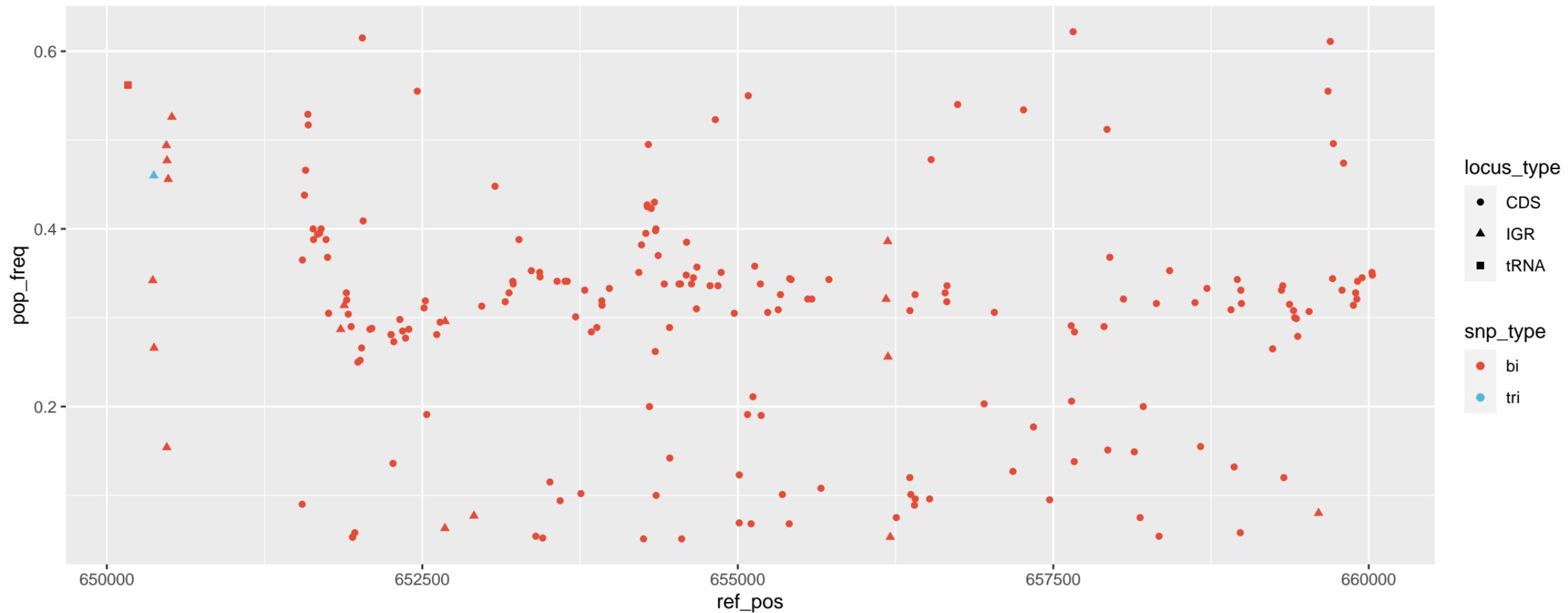


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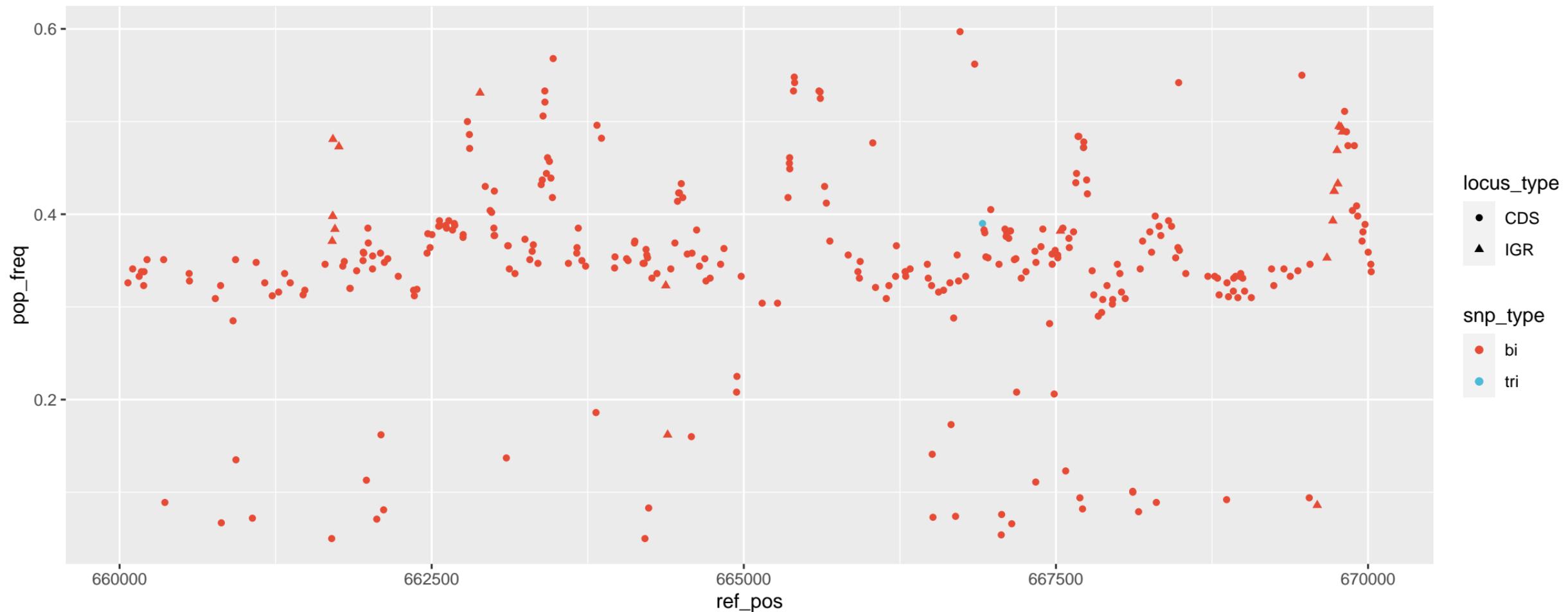




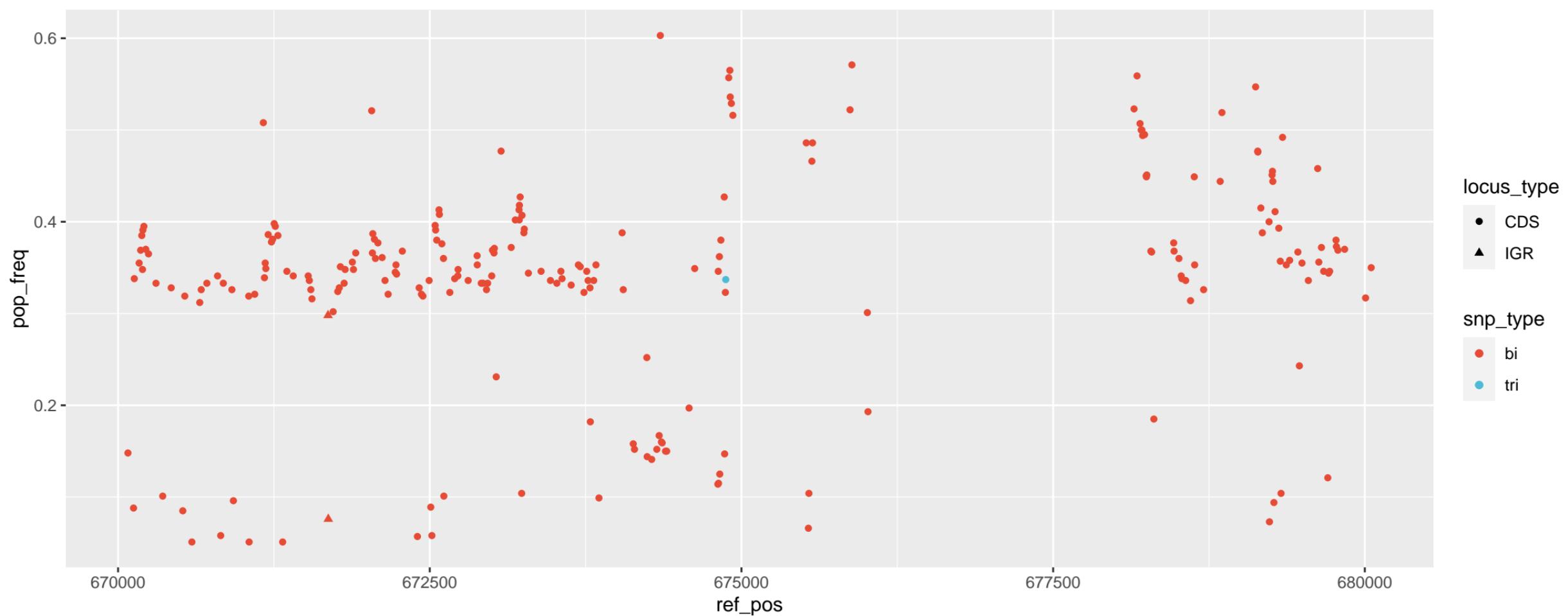
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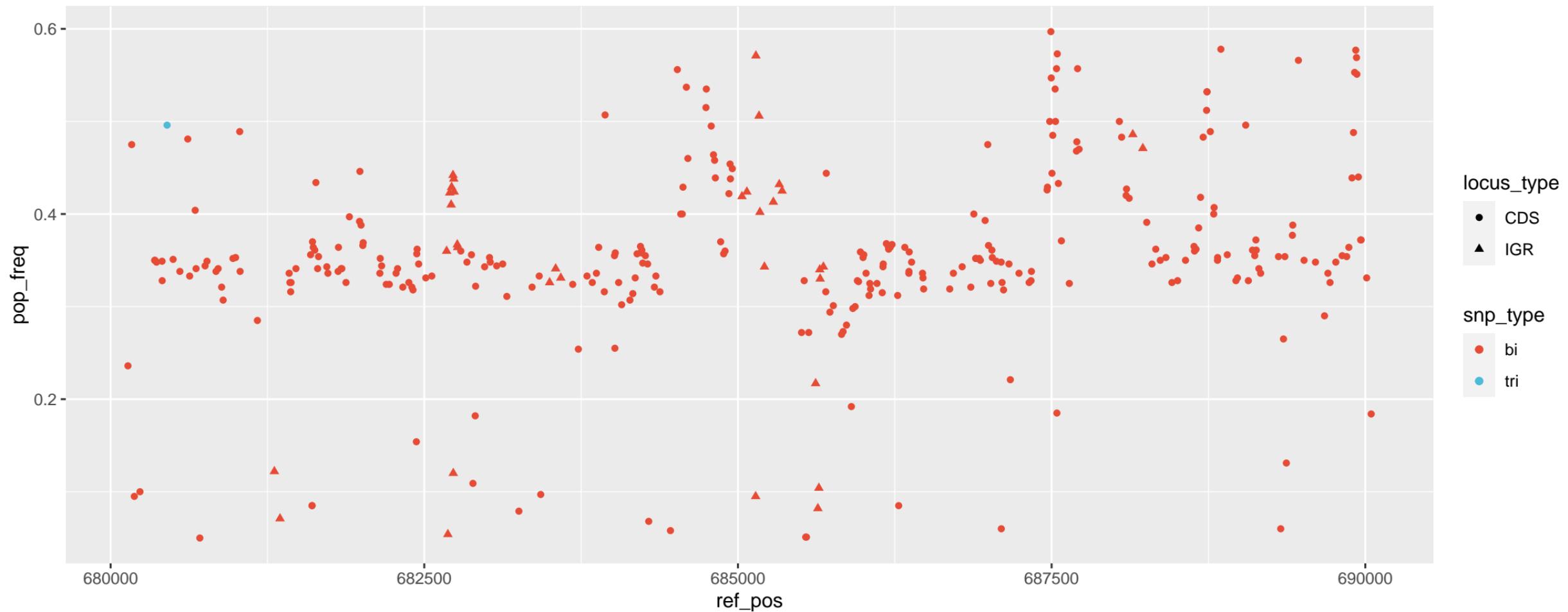
## UHGG143505\_1:660052–670052



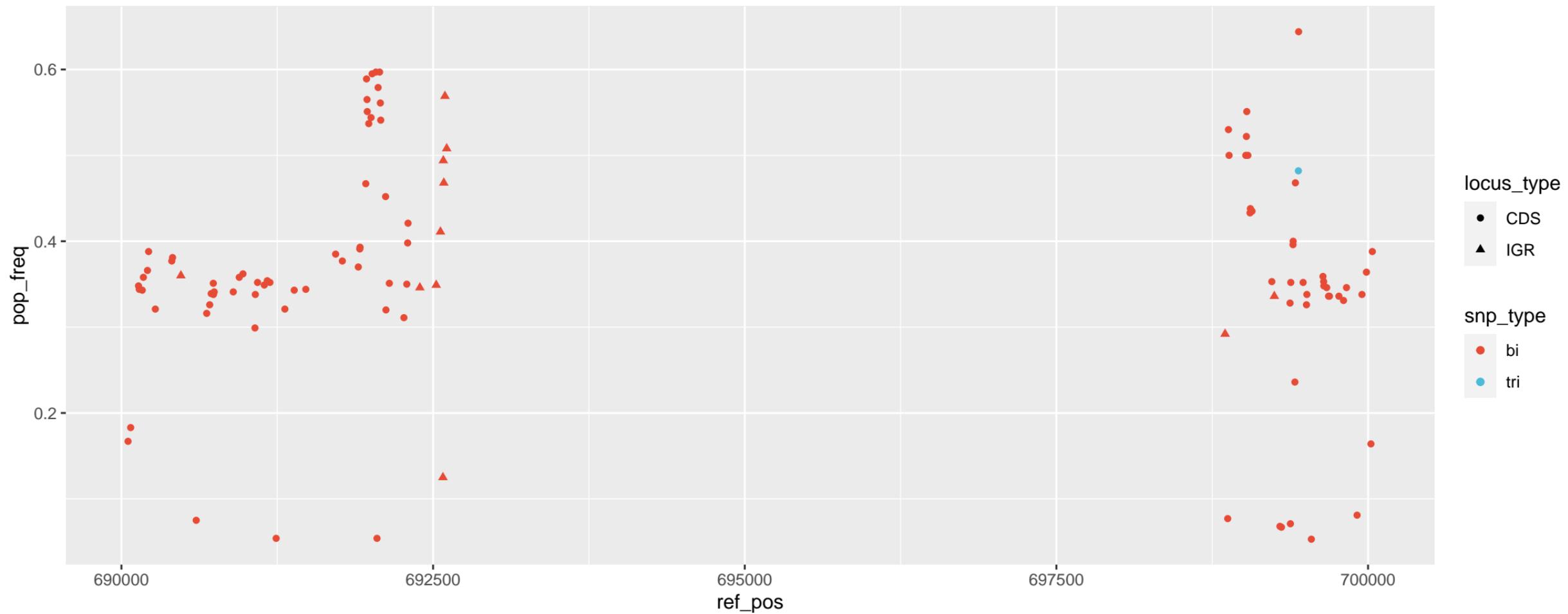
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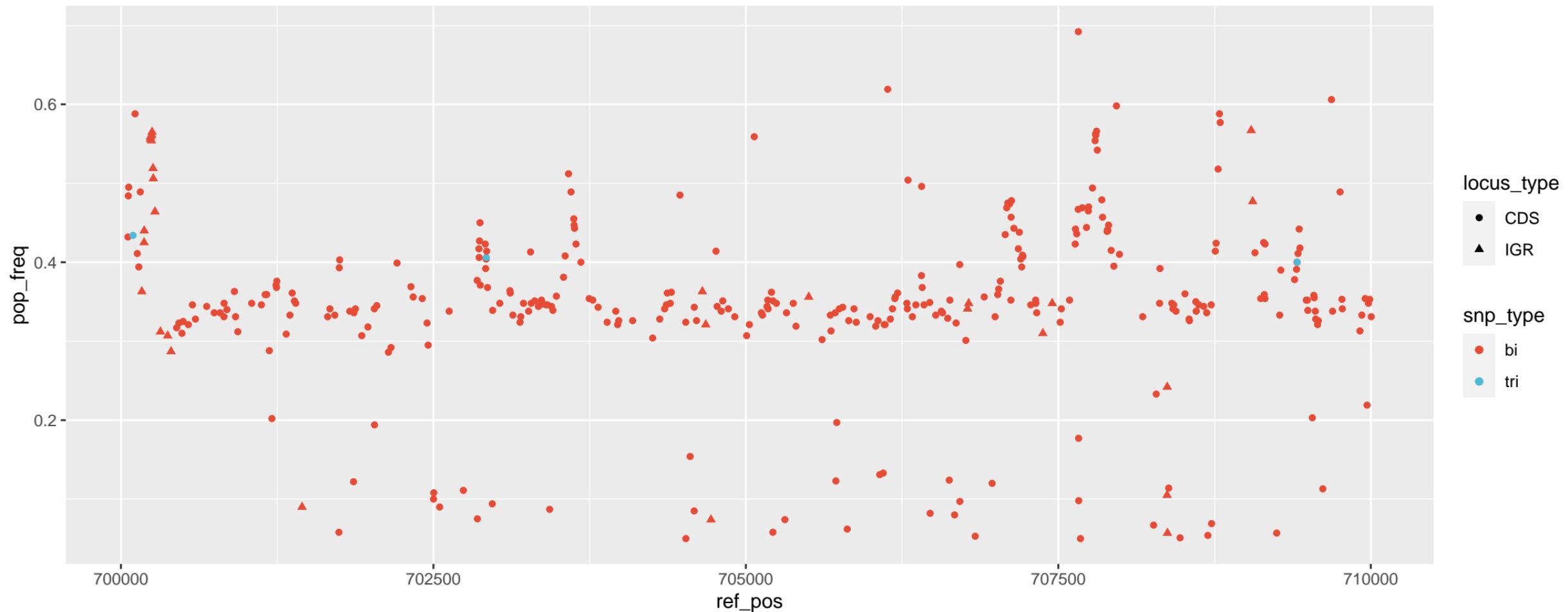
## UHGG143505\_1:680052–690052



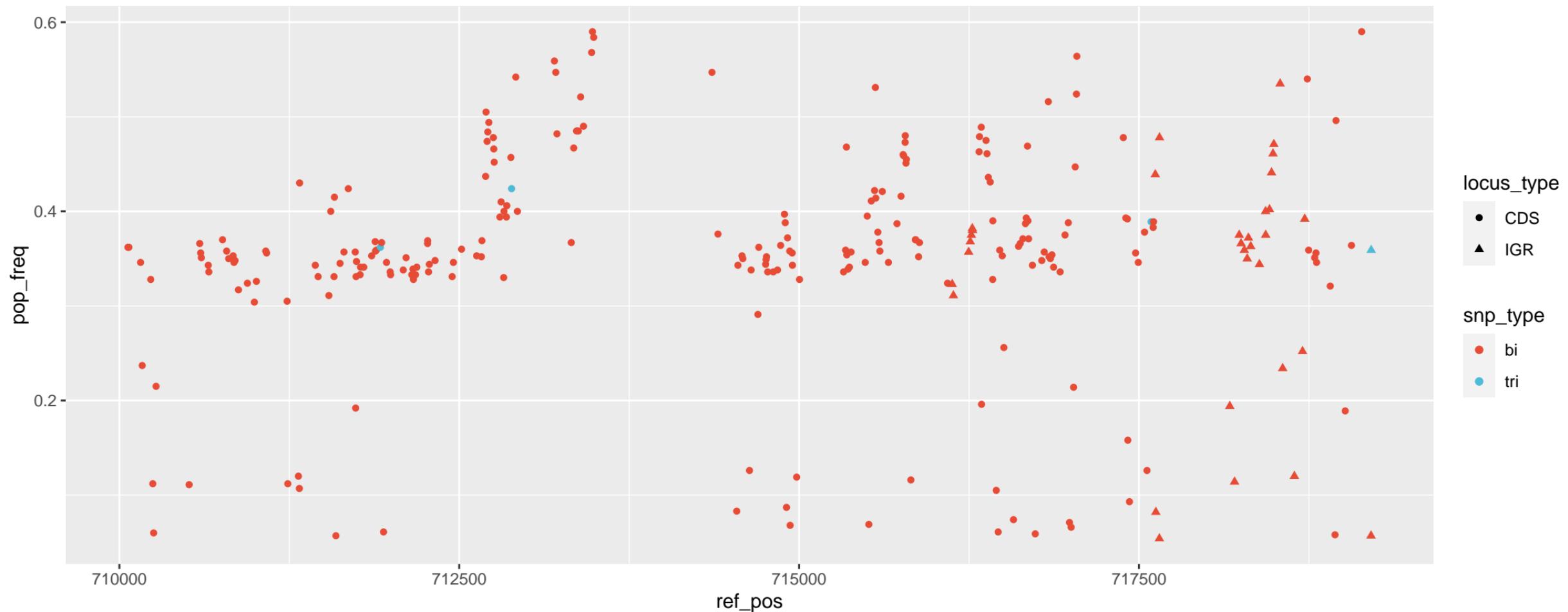
## UHGG143505\_1:690052–700052



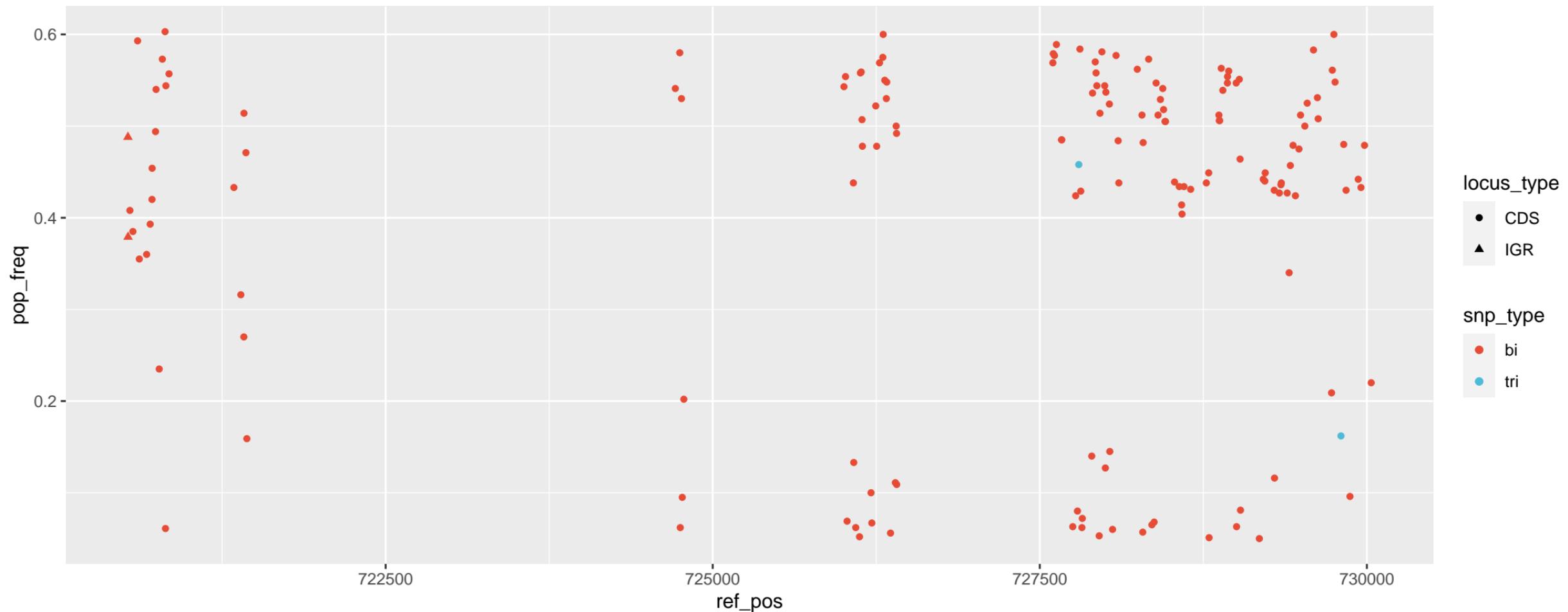
## UHGG143505\_1:700052–710052



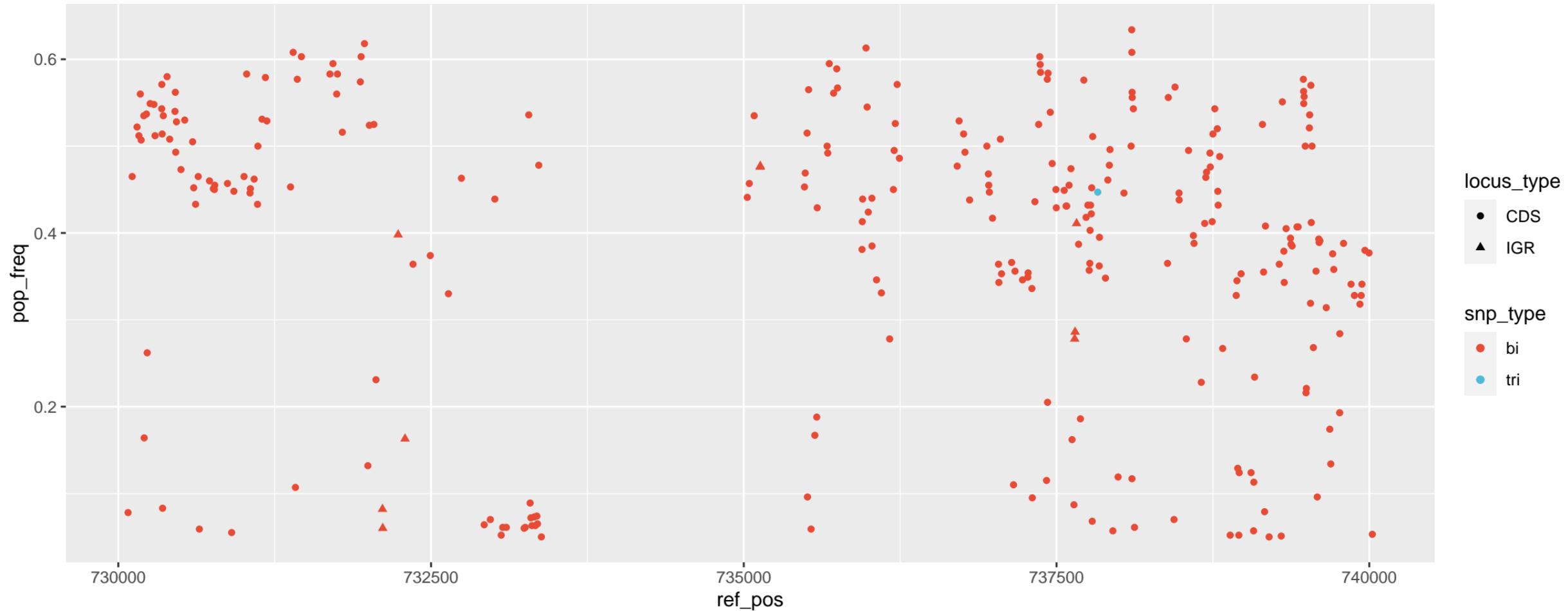
## UHGG143505\_1:710052–720052

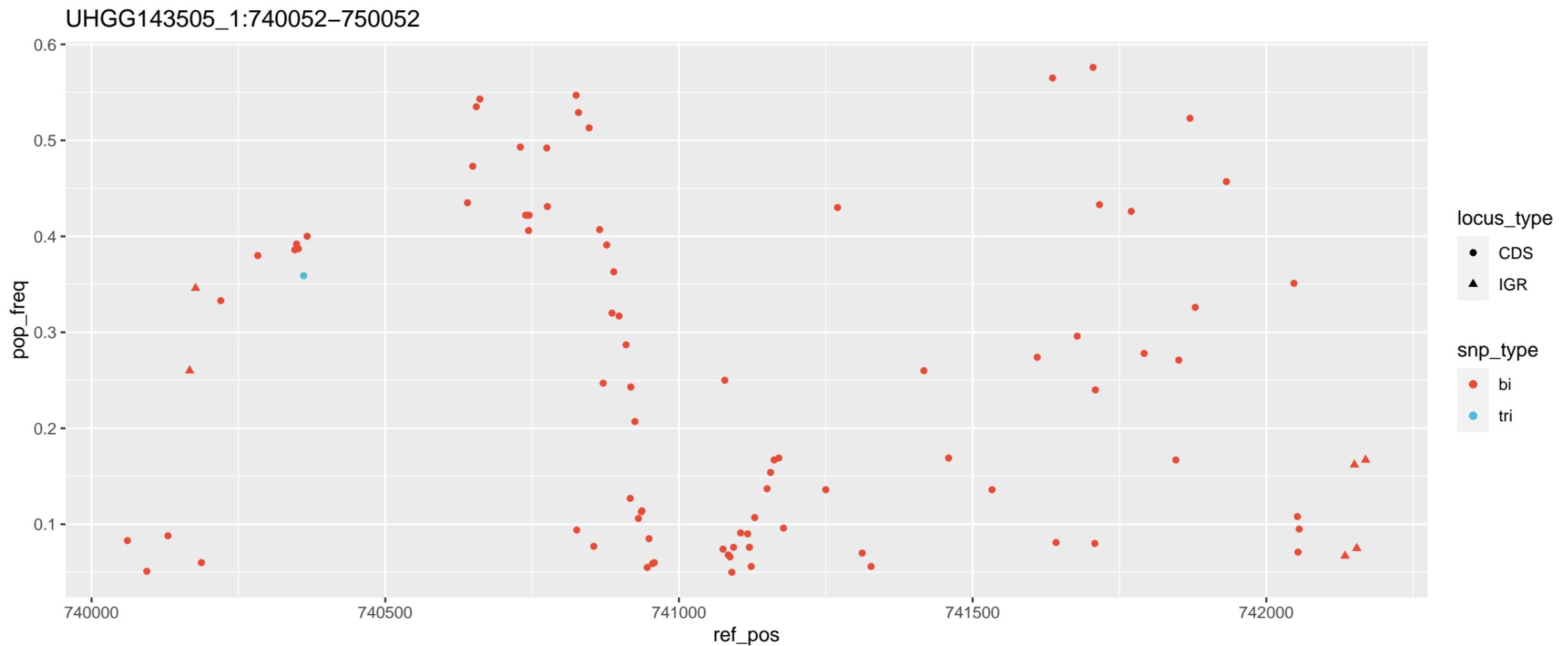


## UHGG143505\_1:720052–730052

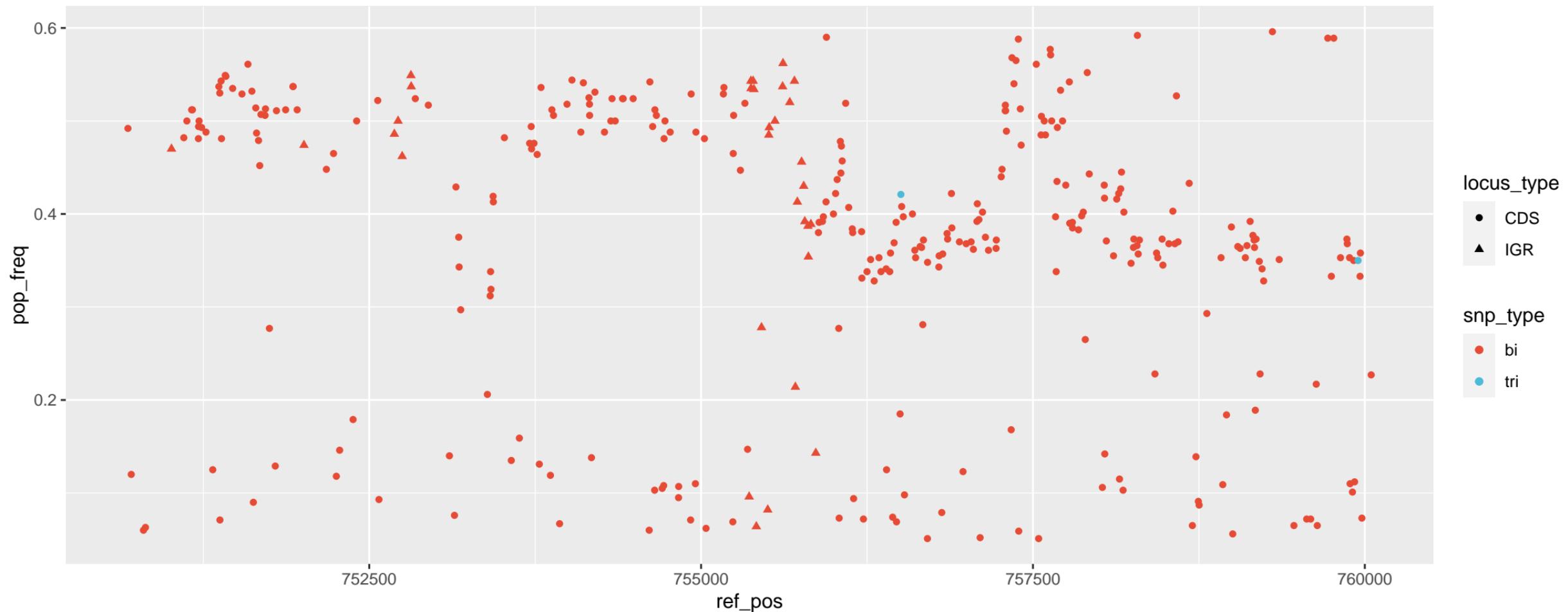


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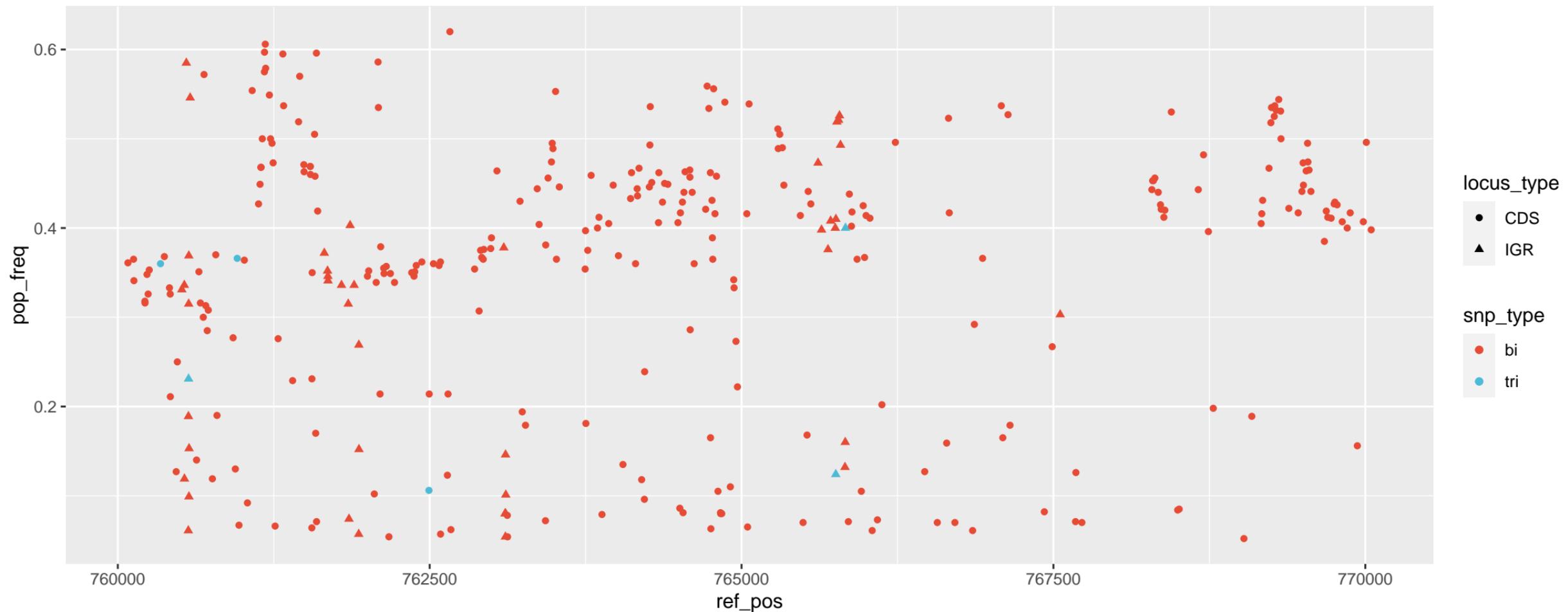




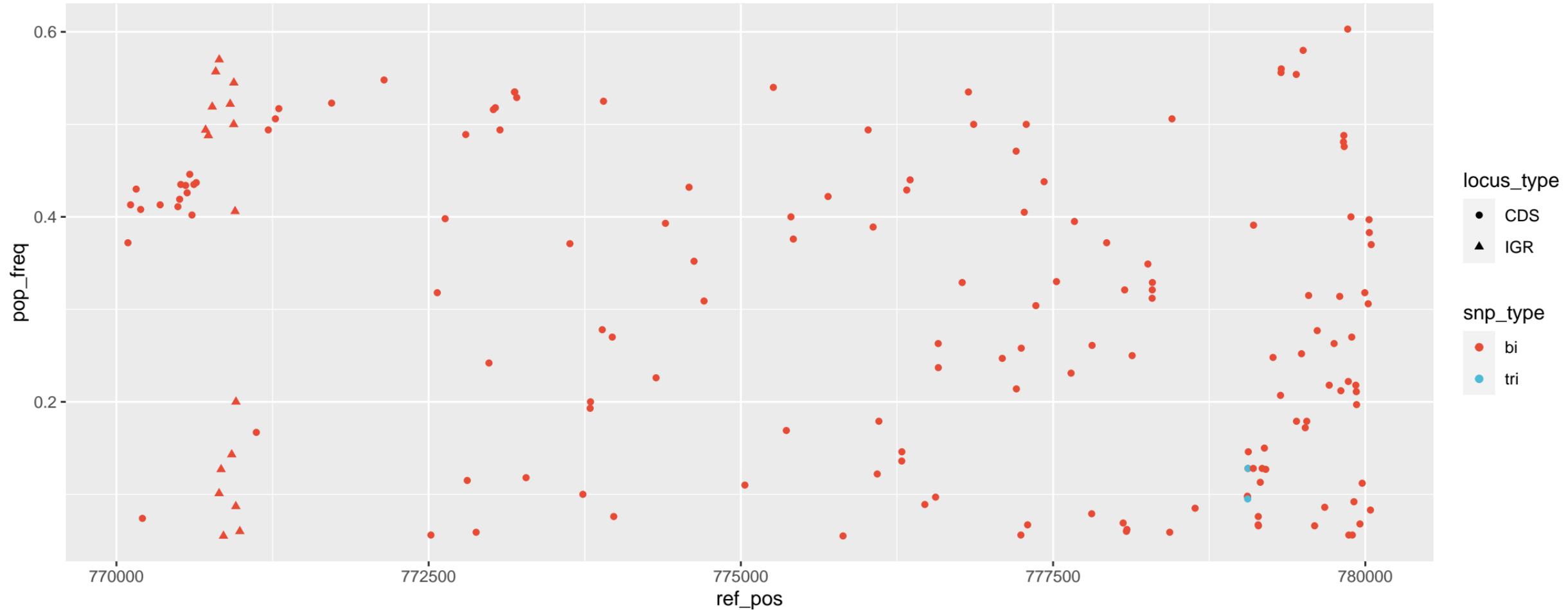
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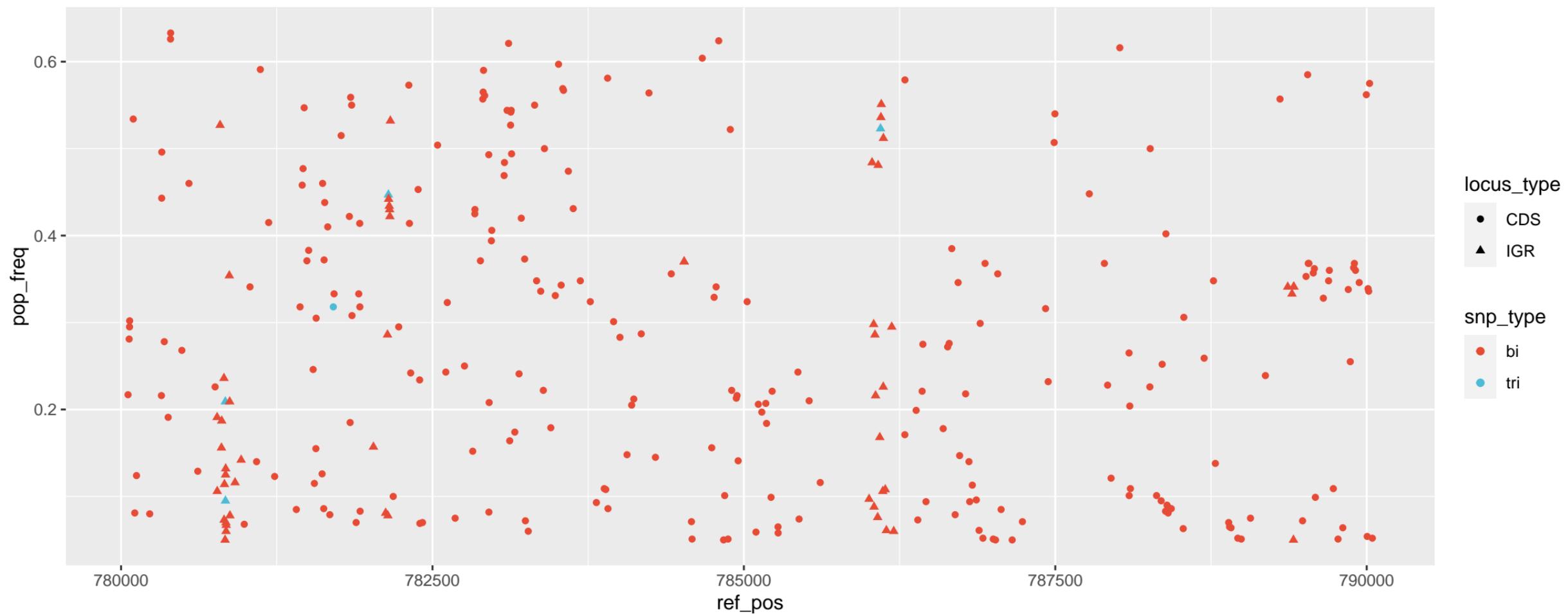
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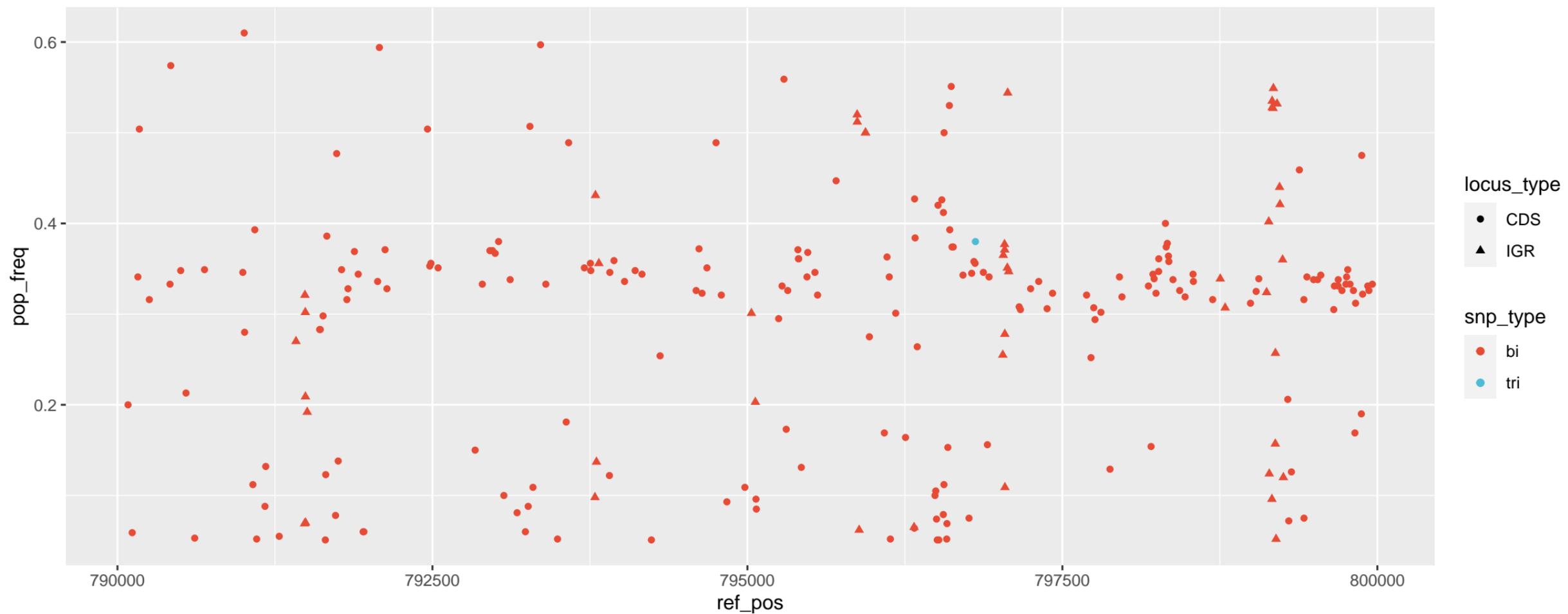
## UHGG143505\_1:770052–780052



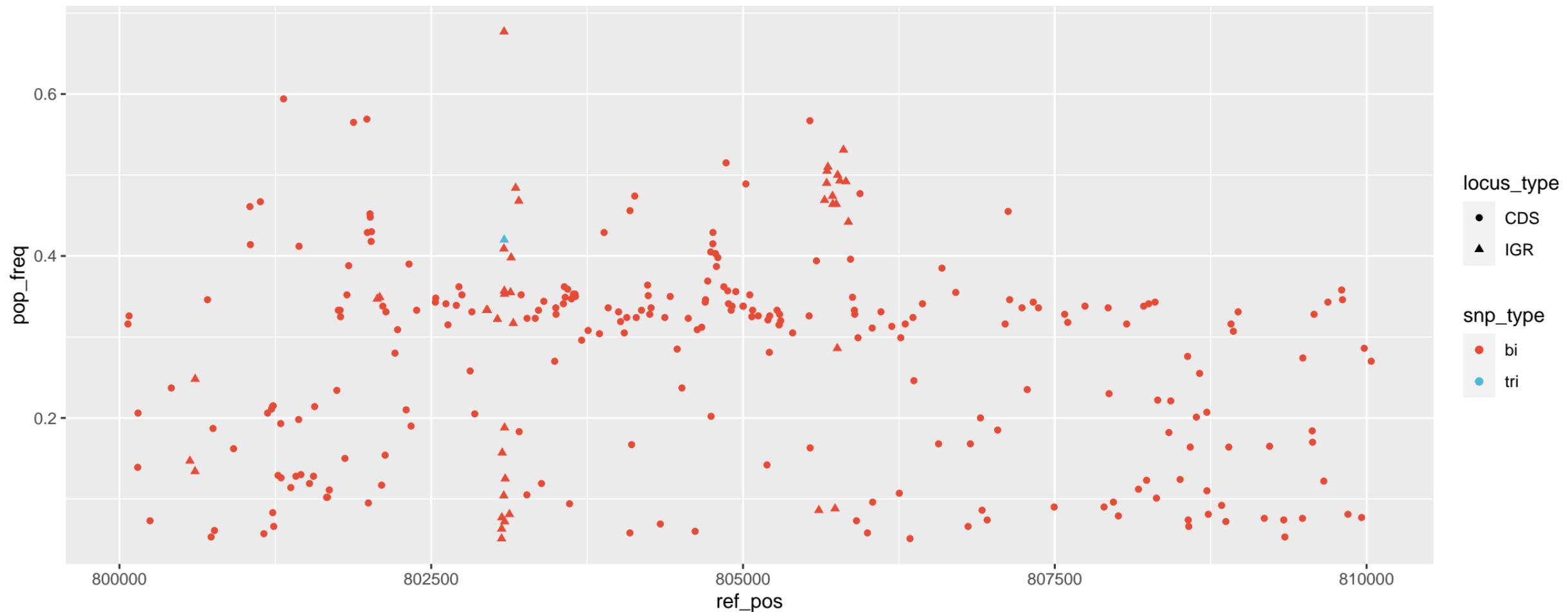
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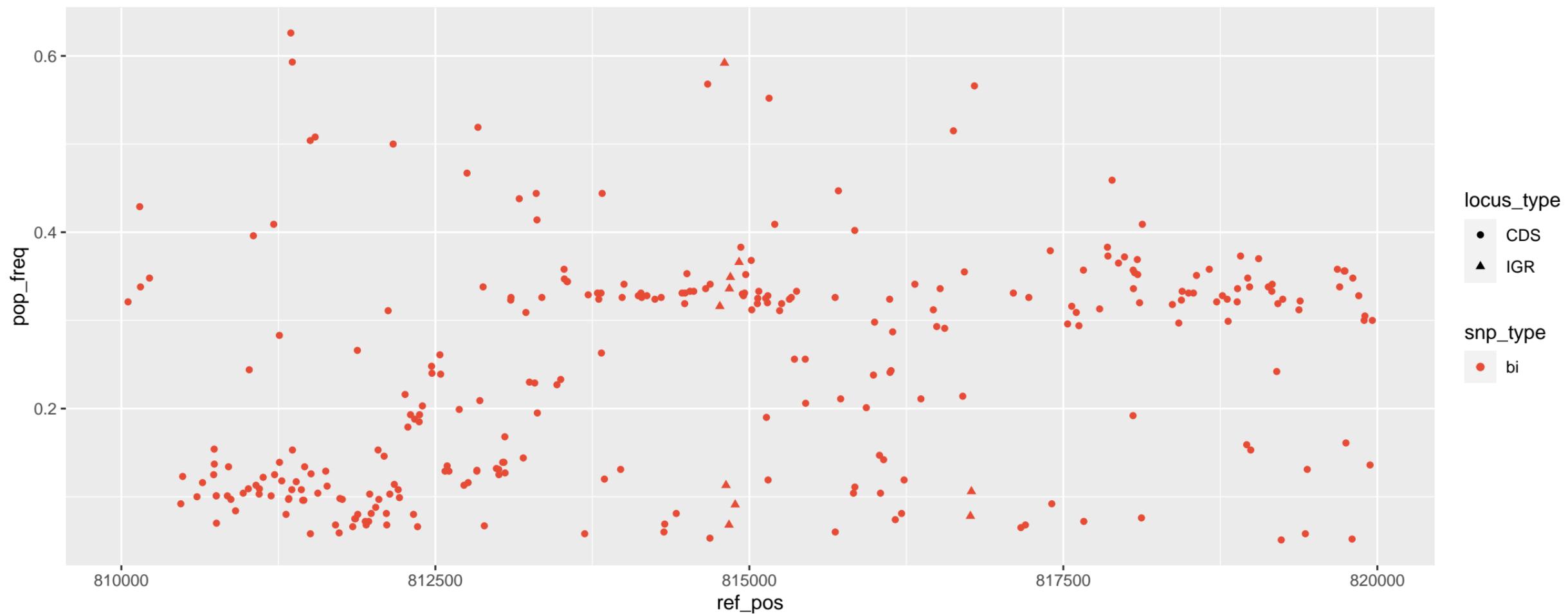
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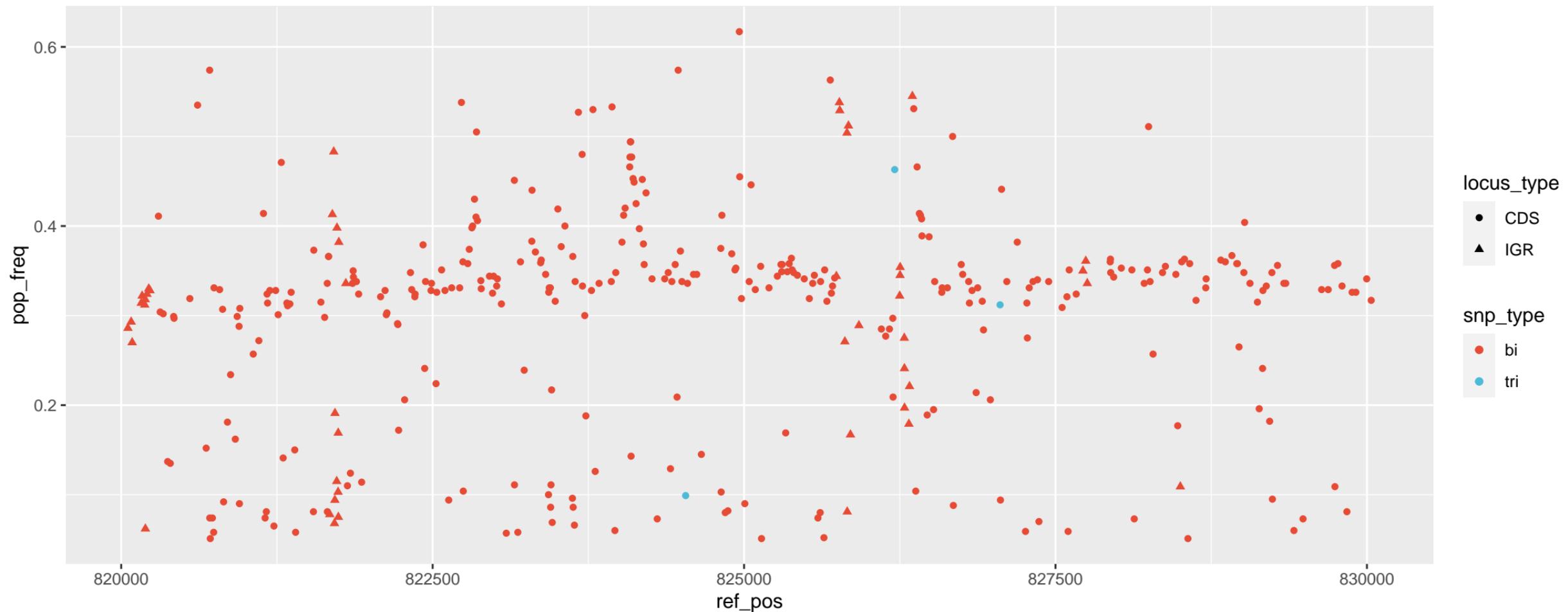
## UHGG143505\_1:800052–810052



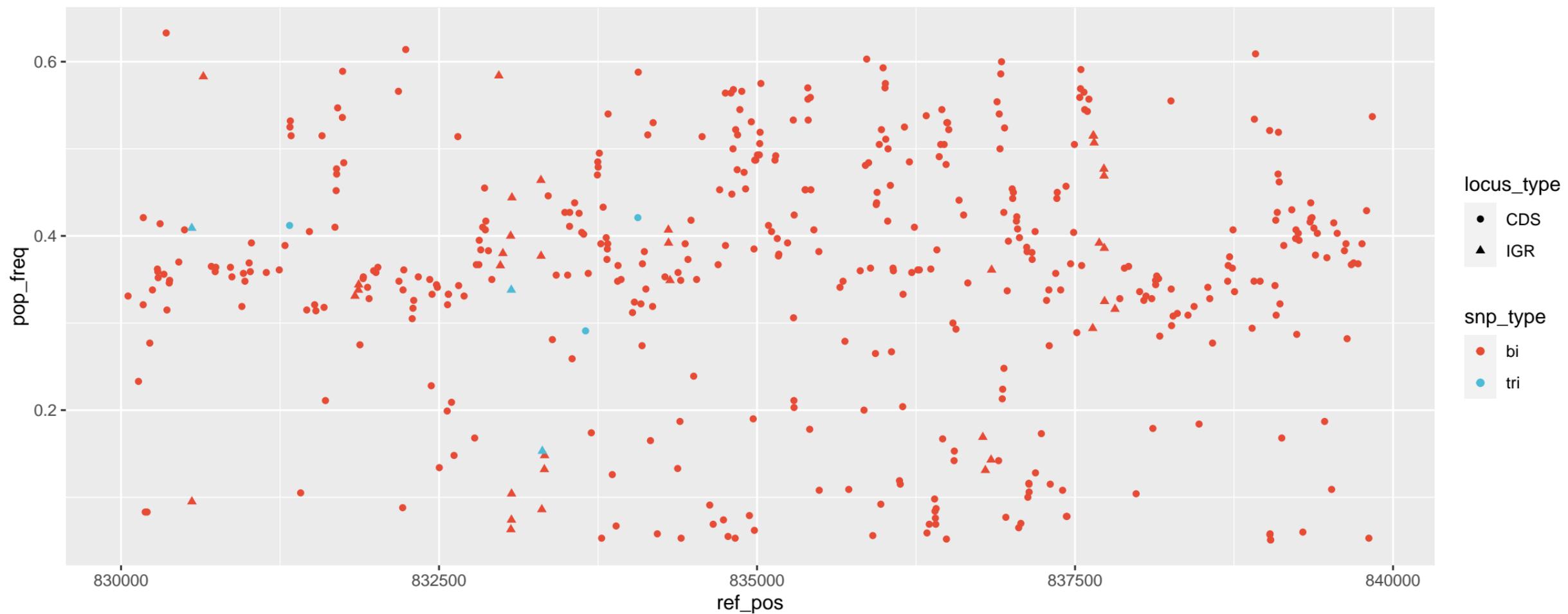
## UHGG143505\_1:810052–820052



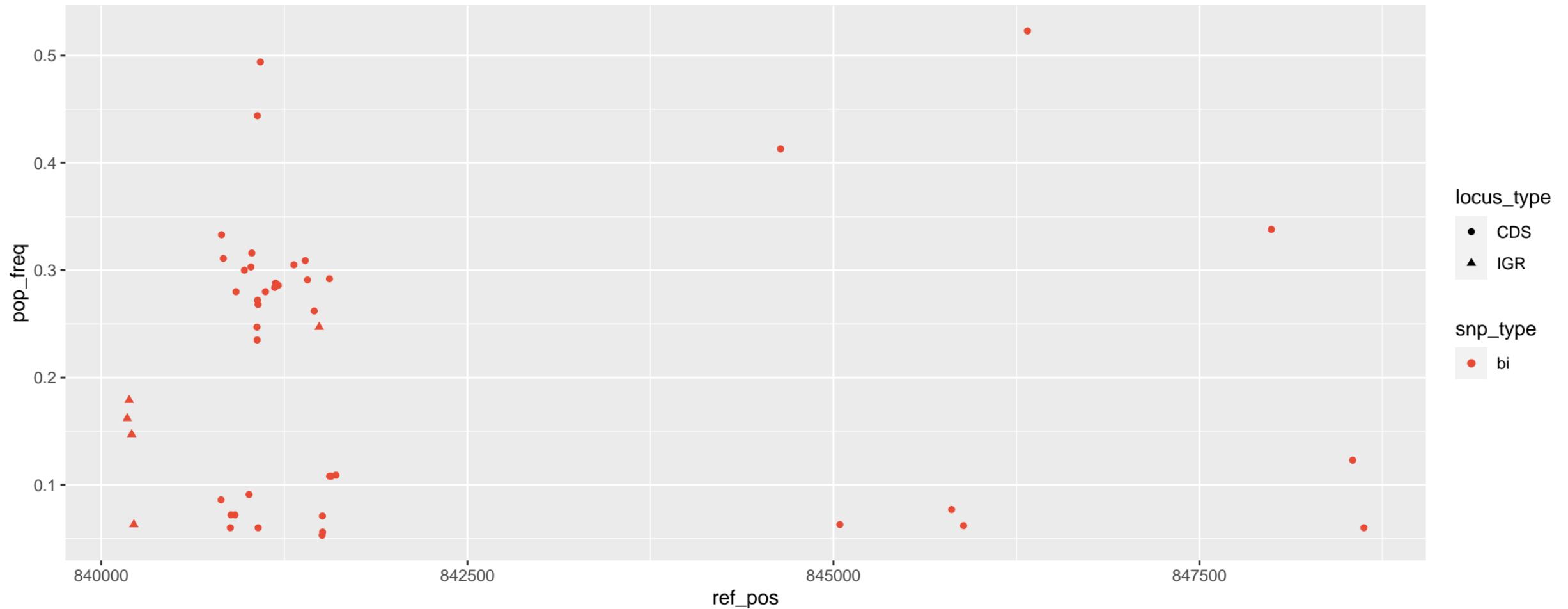
## UHGG143505\_1:820052–830052



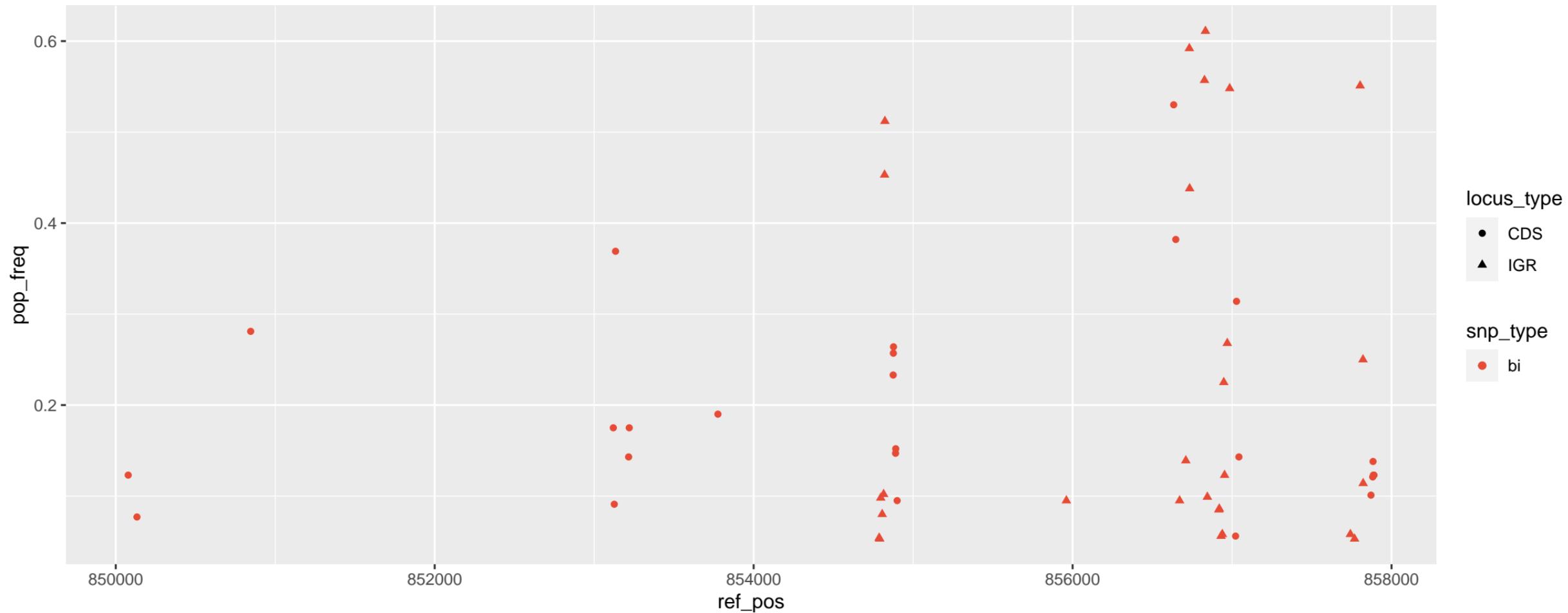
## UHGG143505\_1:830052–840052



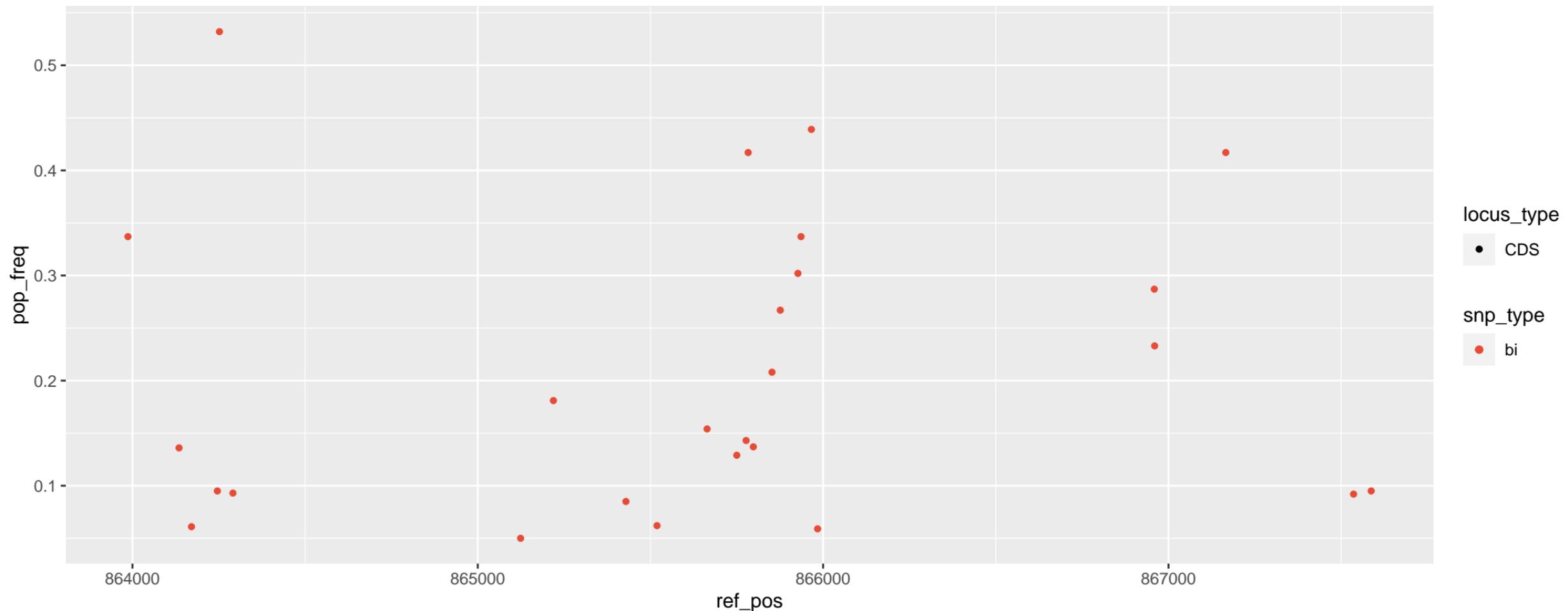
UHGG143505\_1:840052–850052



## UHGG143505\_1:850052–860052



## UHGG143505\_1:860052–870052



UHGG143505\_1:870052–880052

pop\_freq

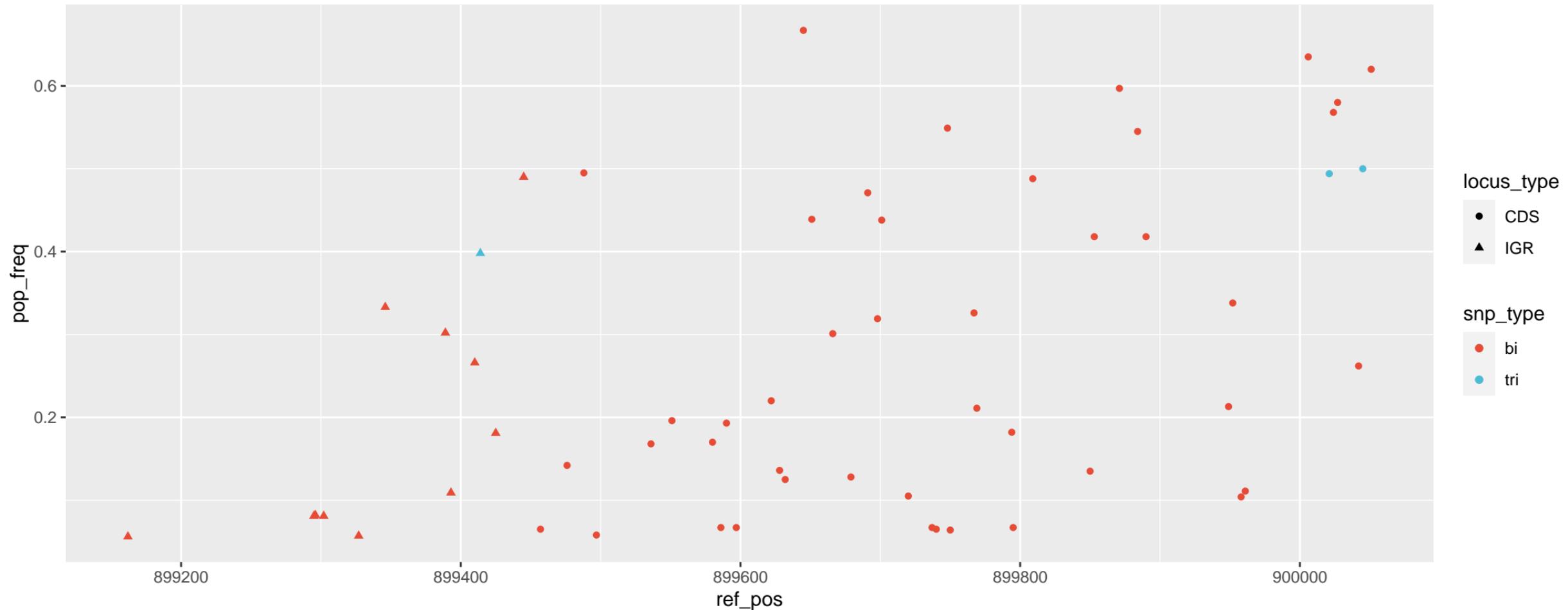
ref\_pos

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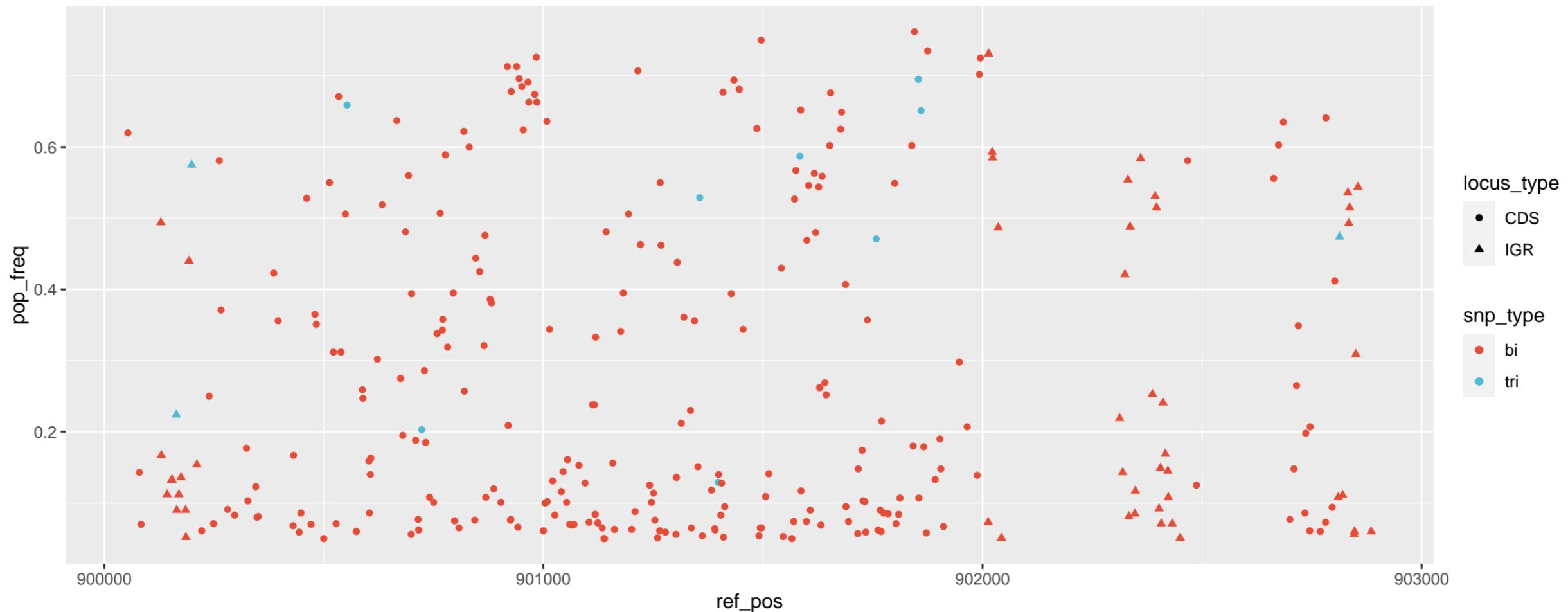
pop\_freq

ref\_pos

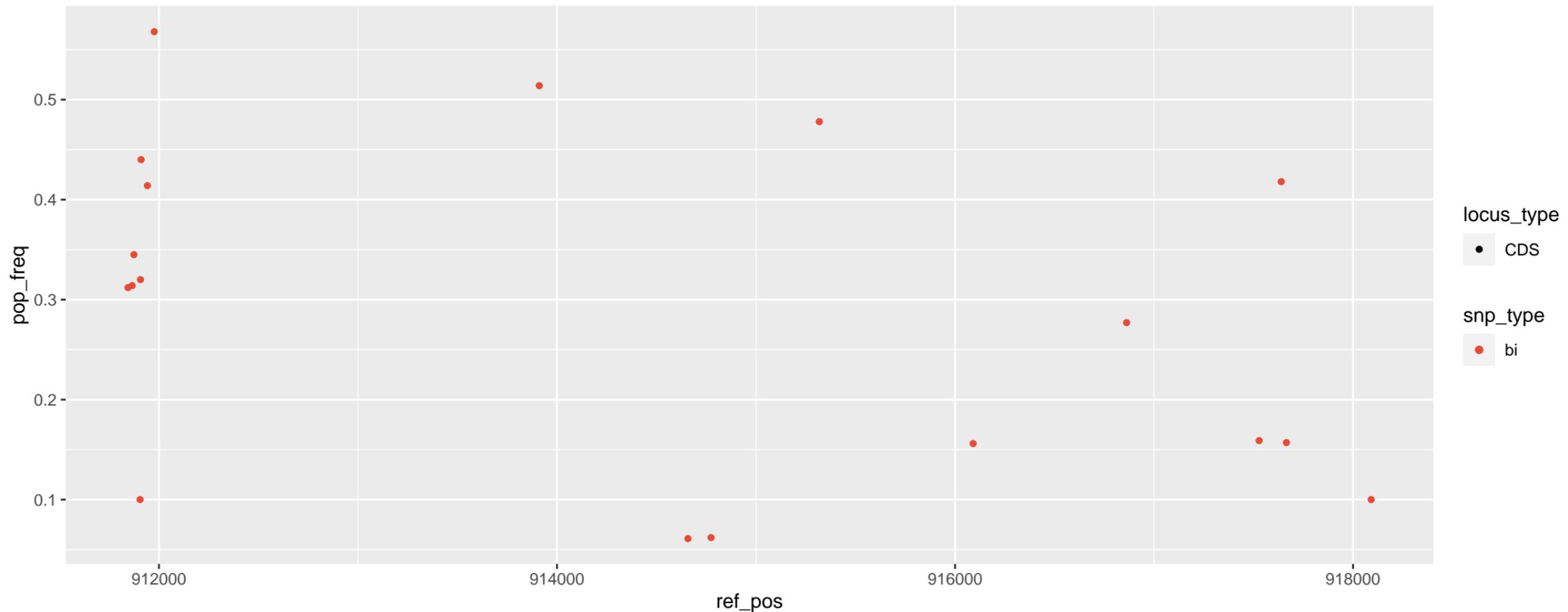
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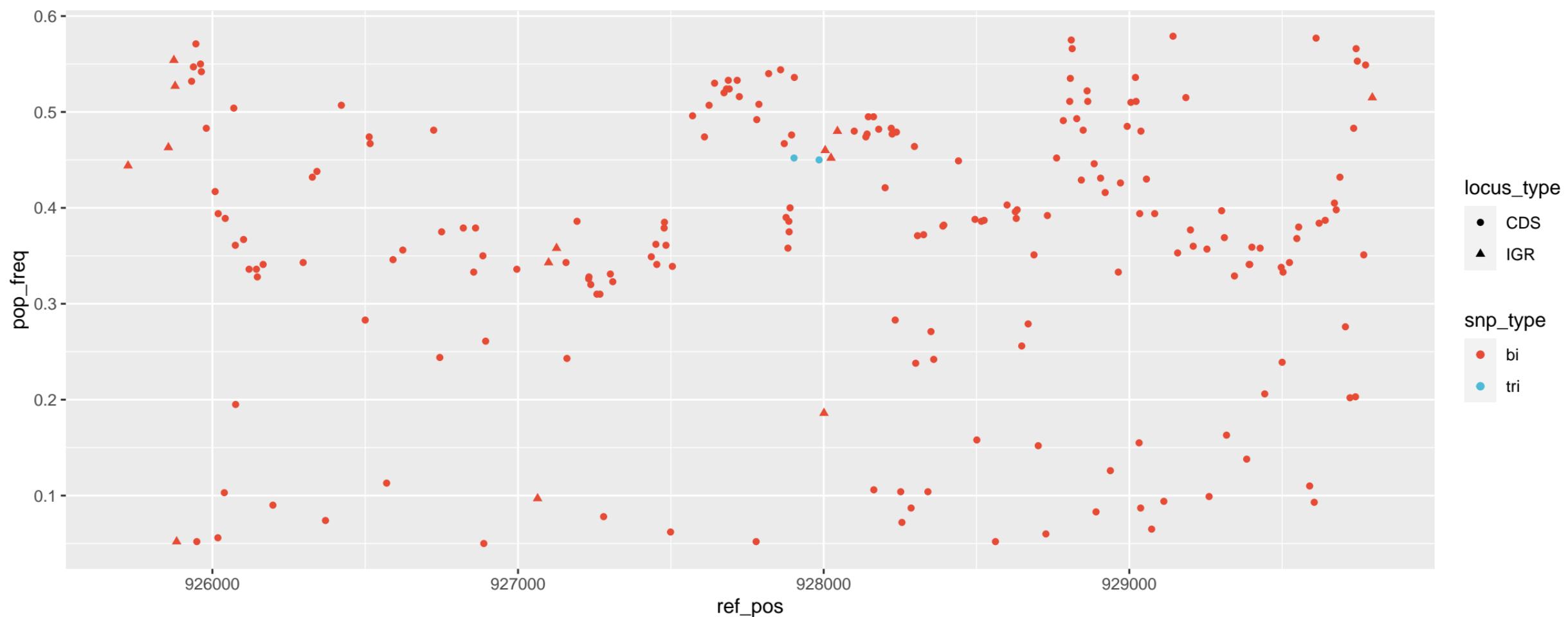
## UHGG143505\_1:900052–910052



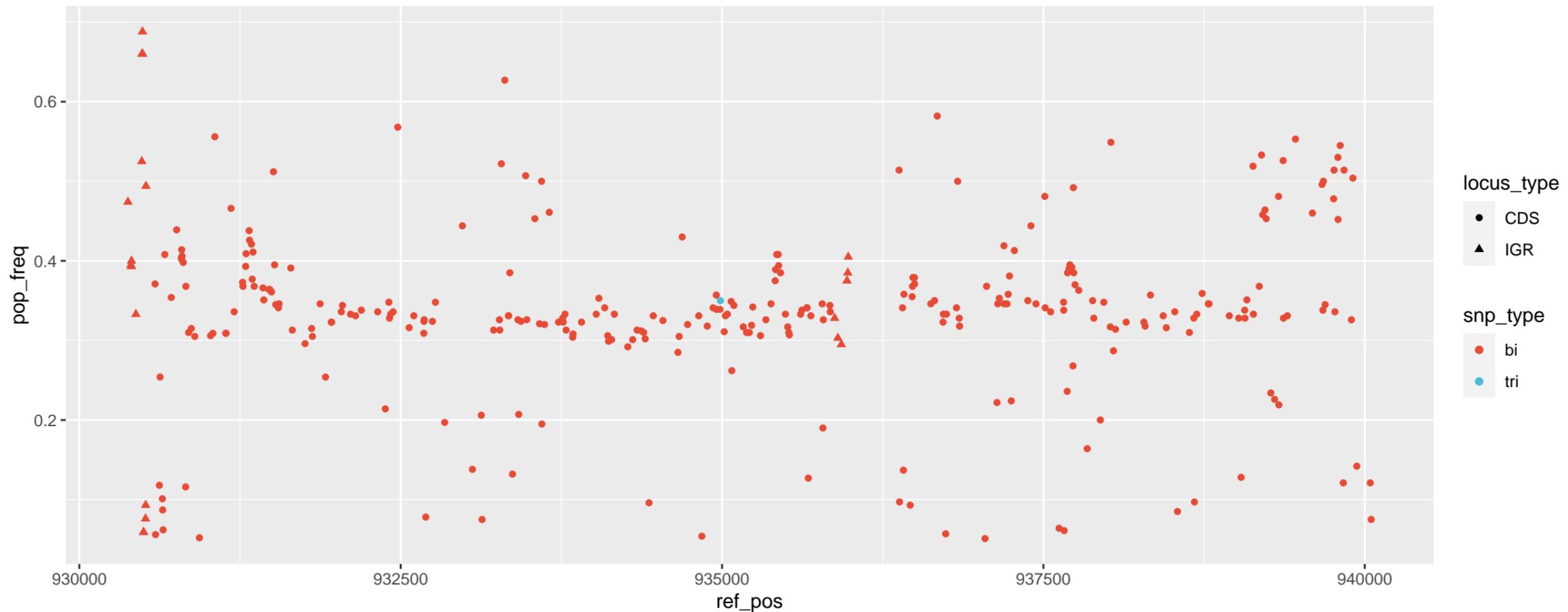
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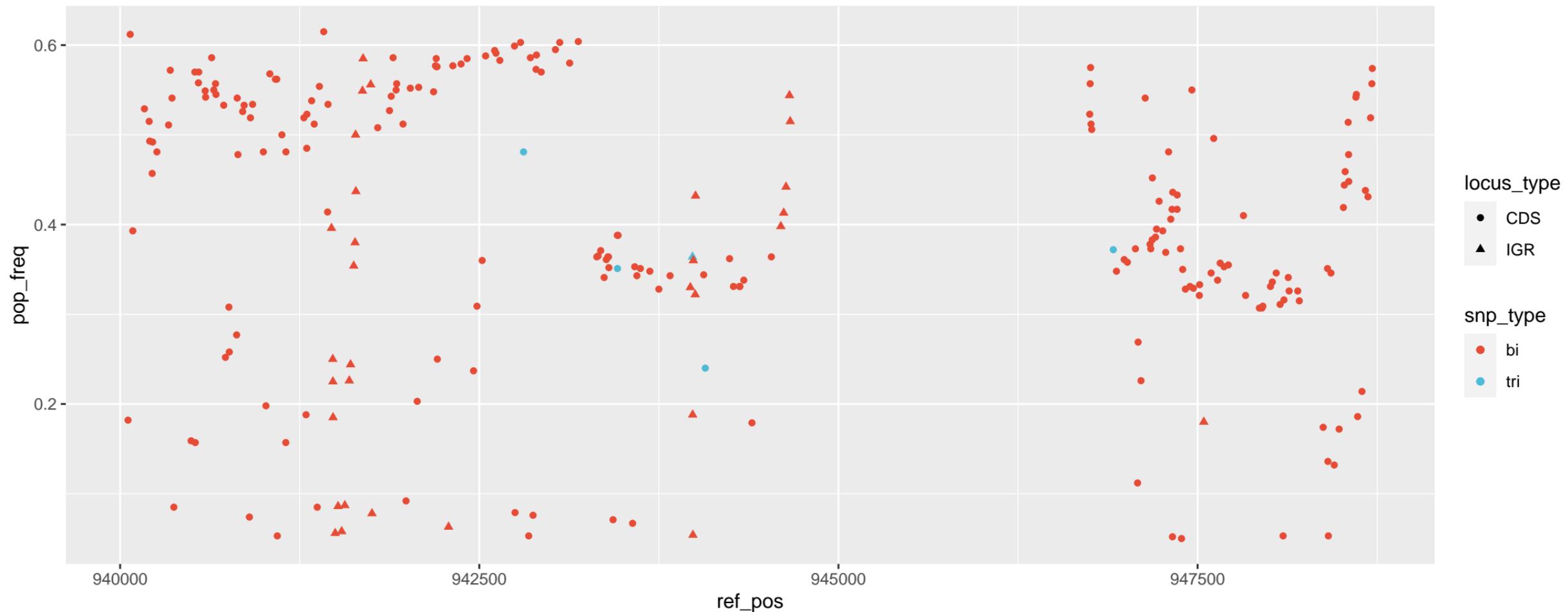
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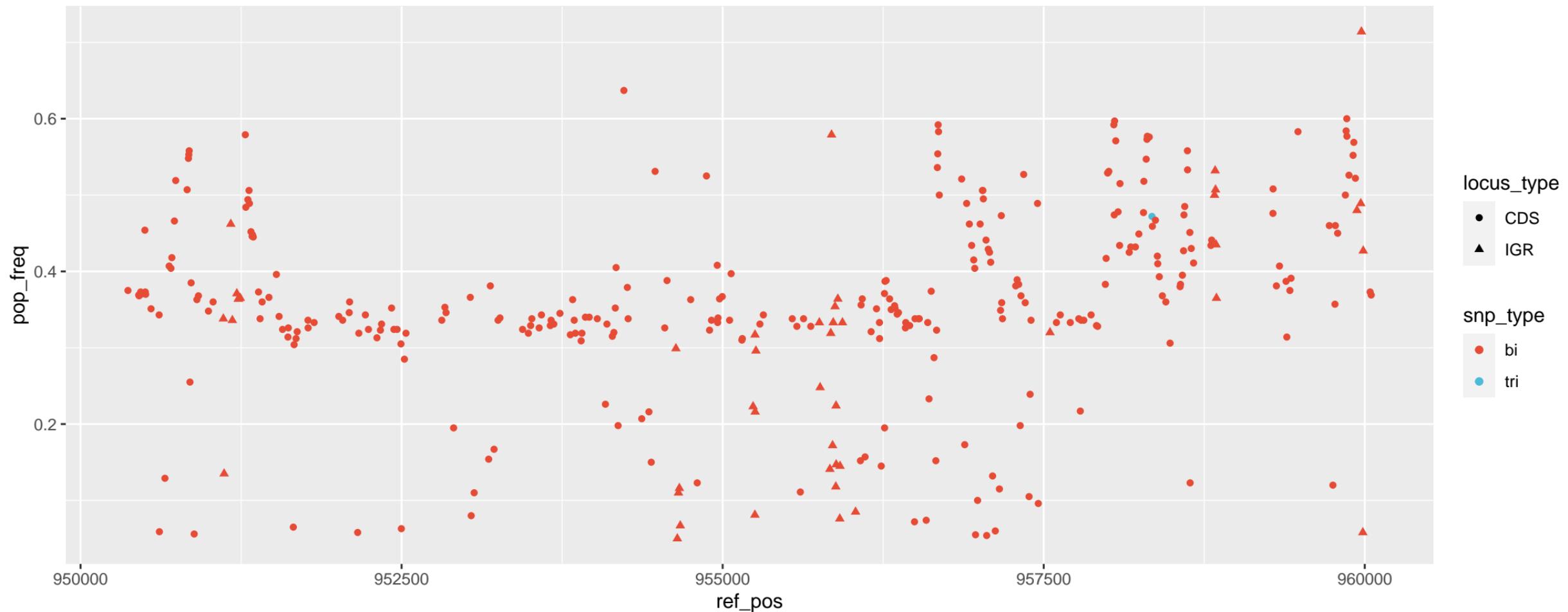
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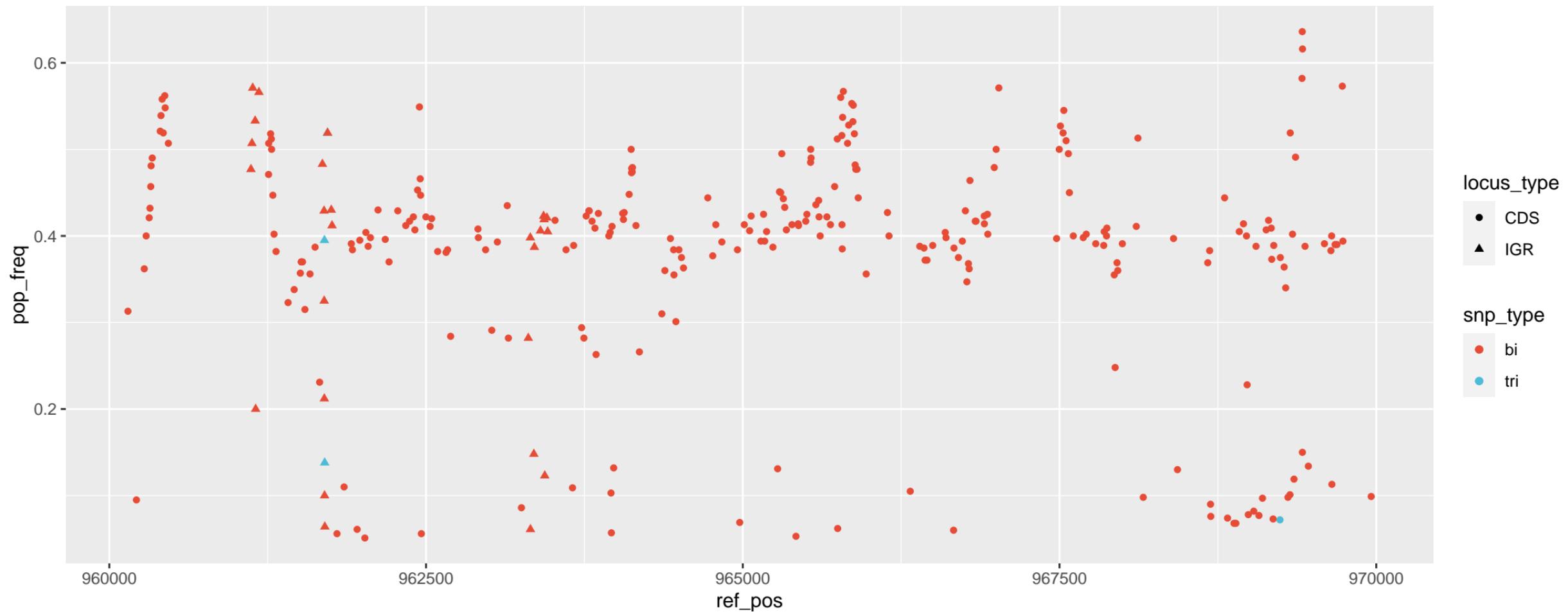
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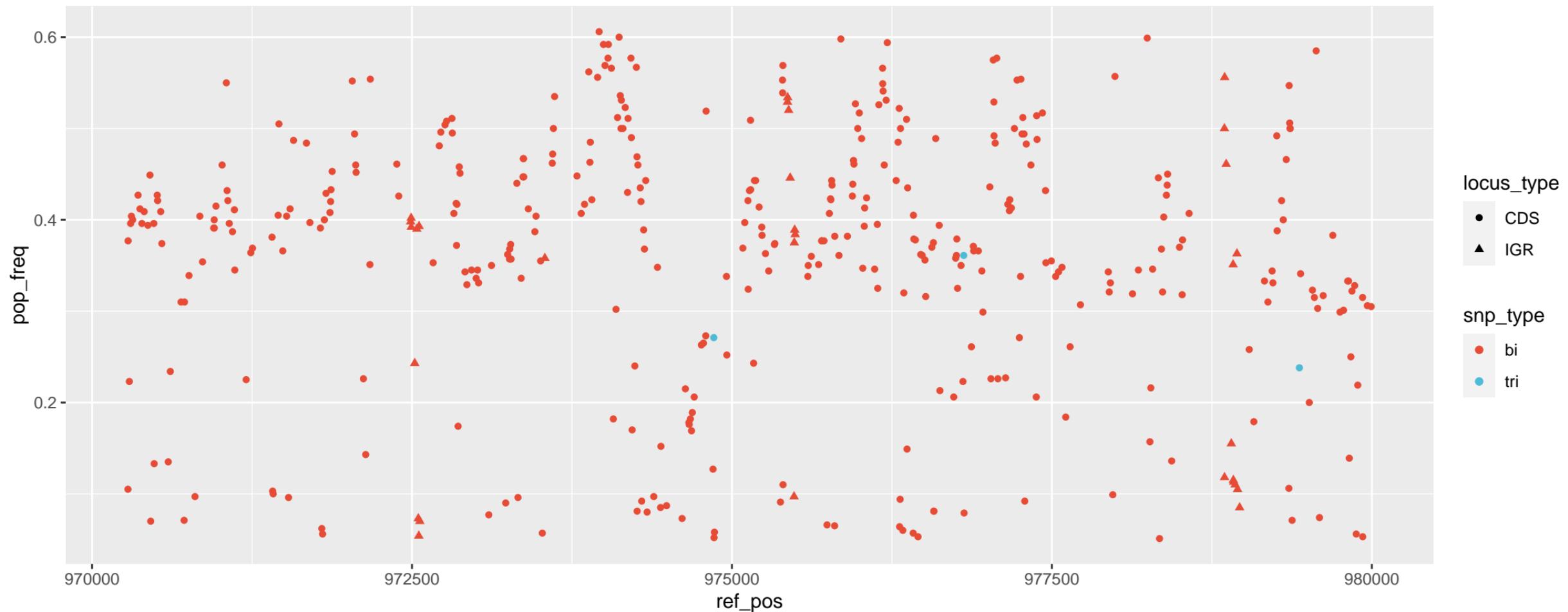
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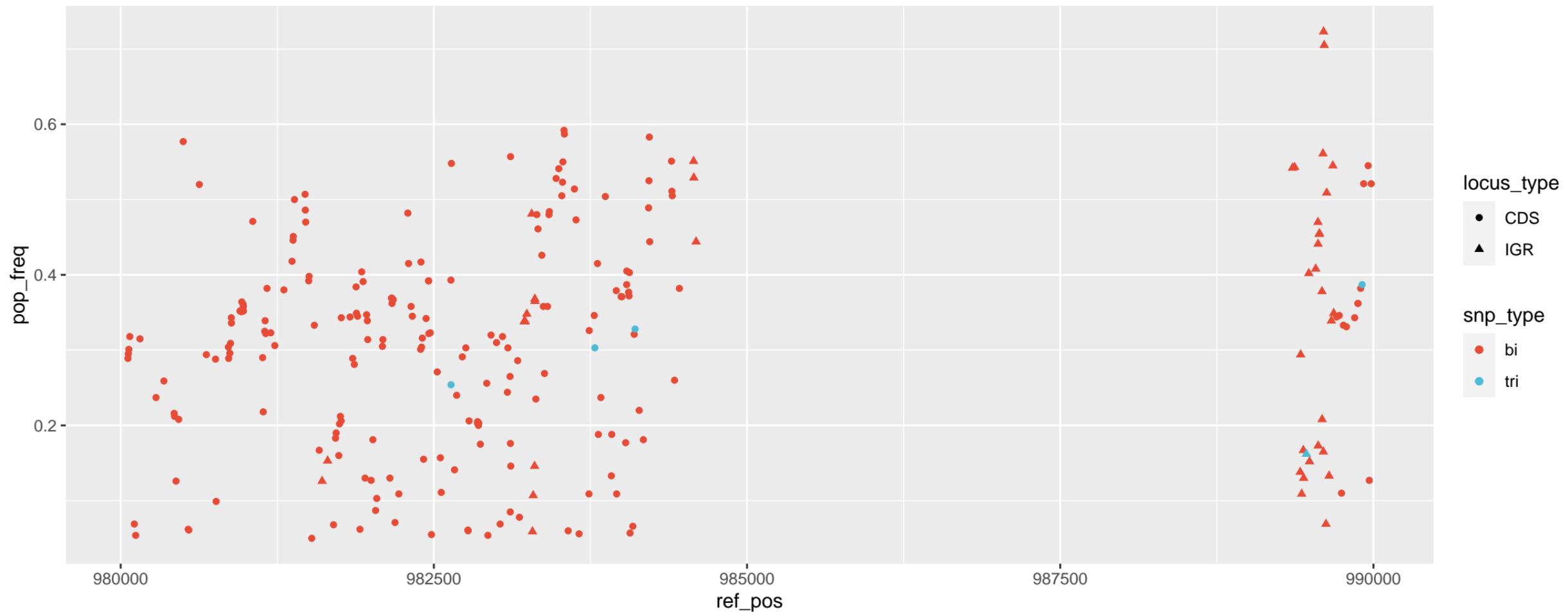
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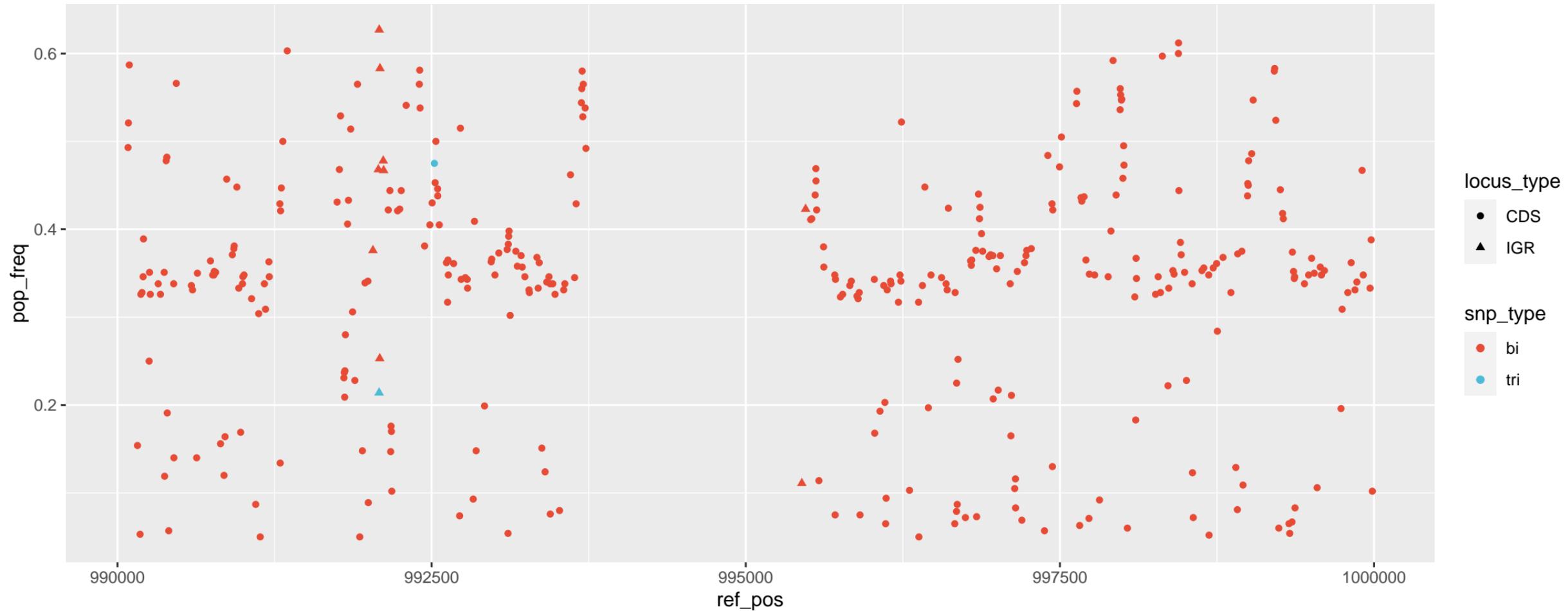
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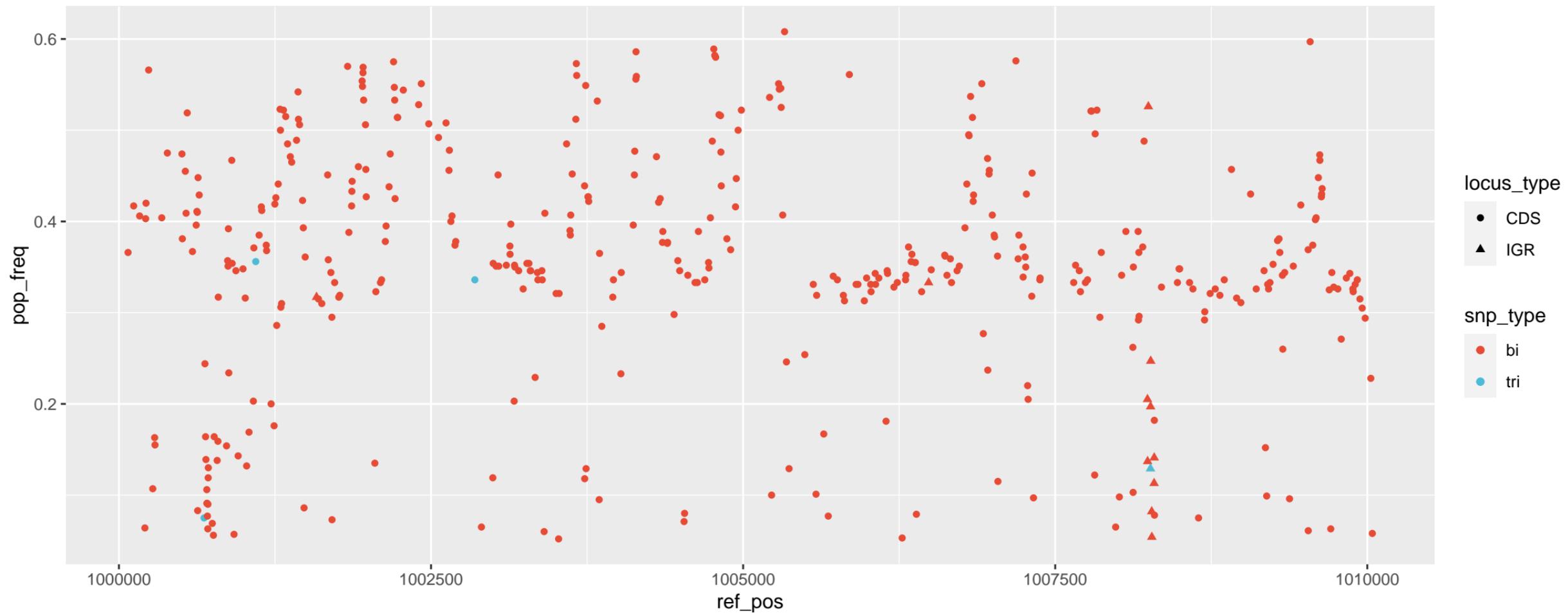
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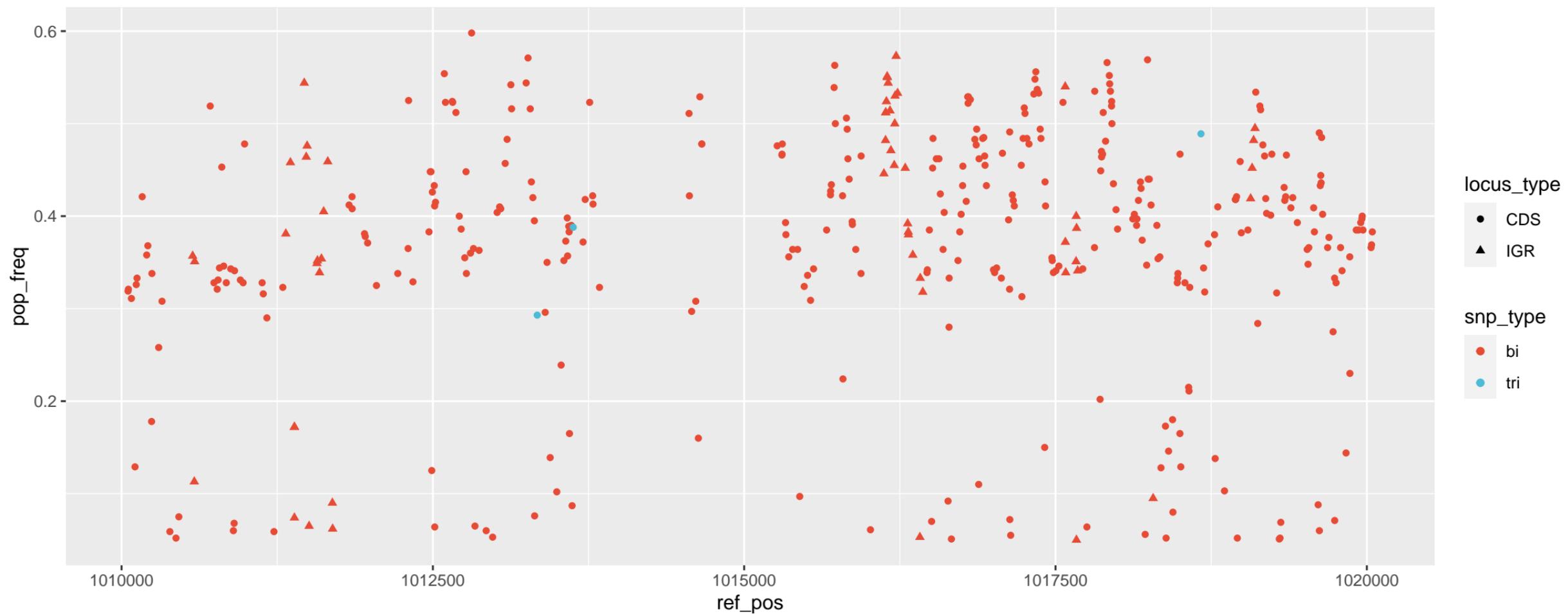
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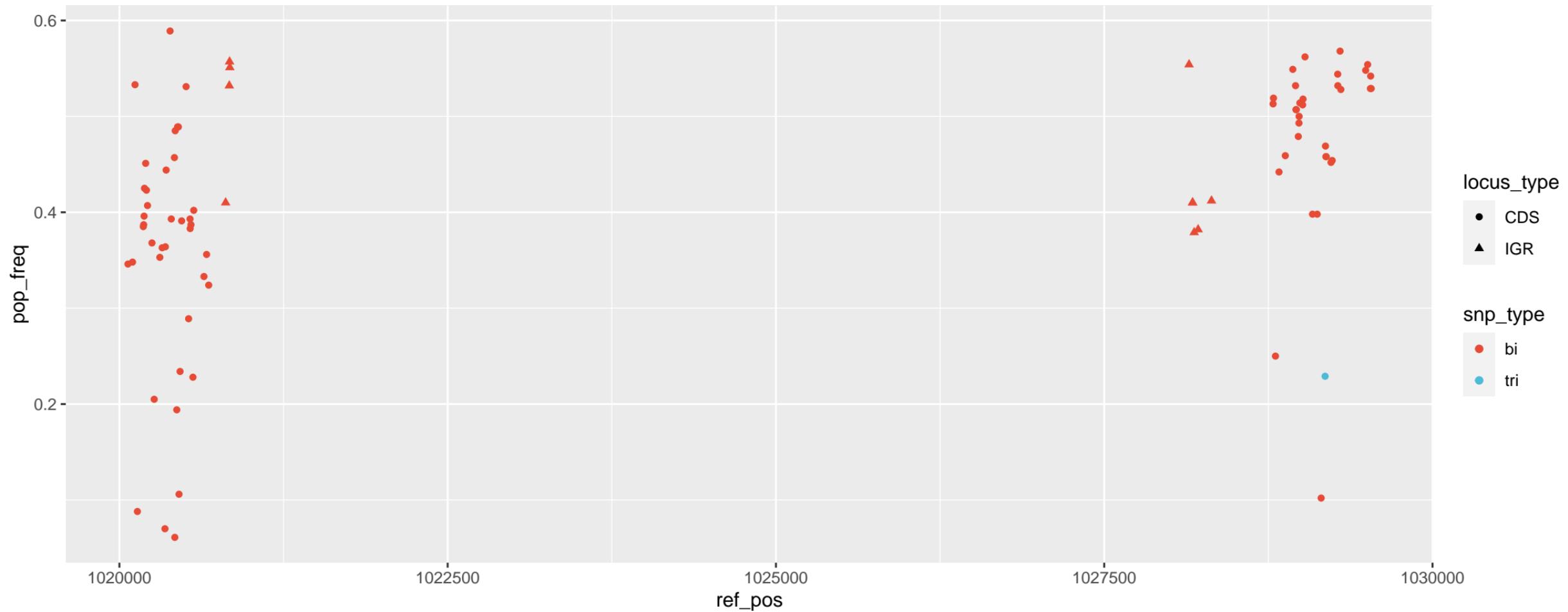
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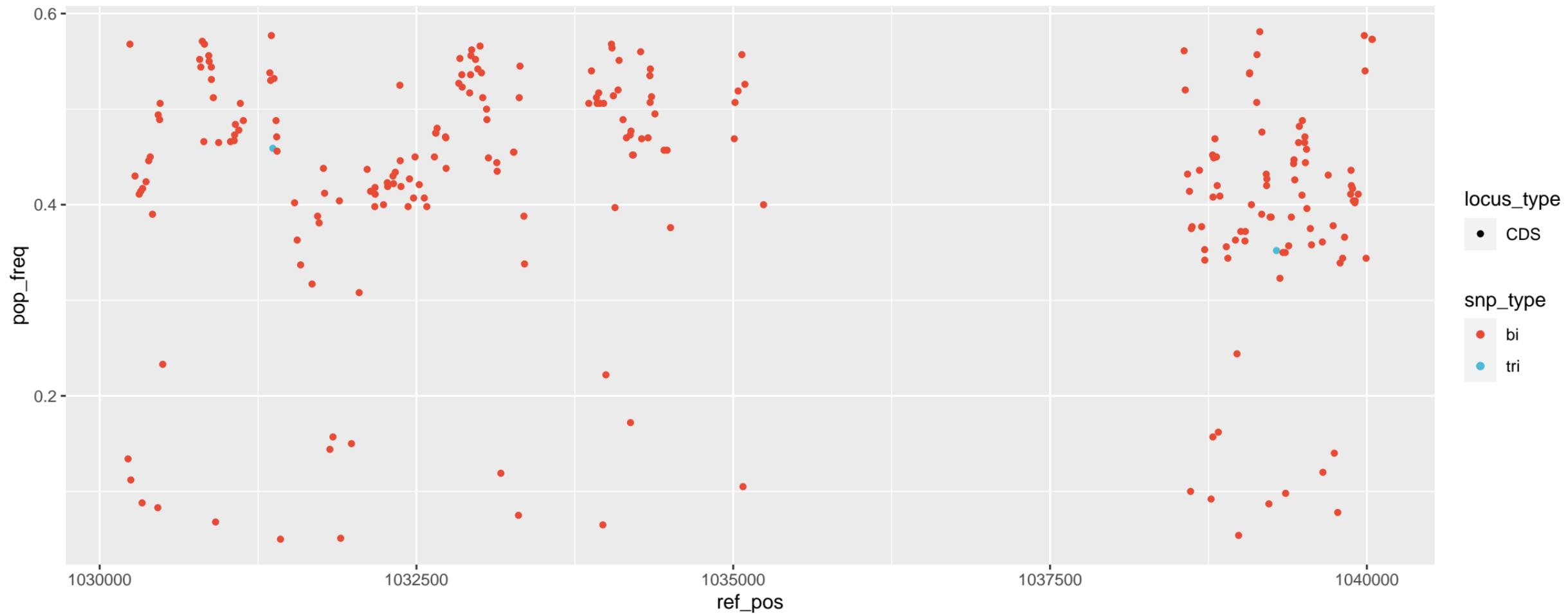
## UHGG143505\_1:1010052–1020052



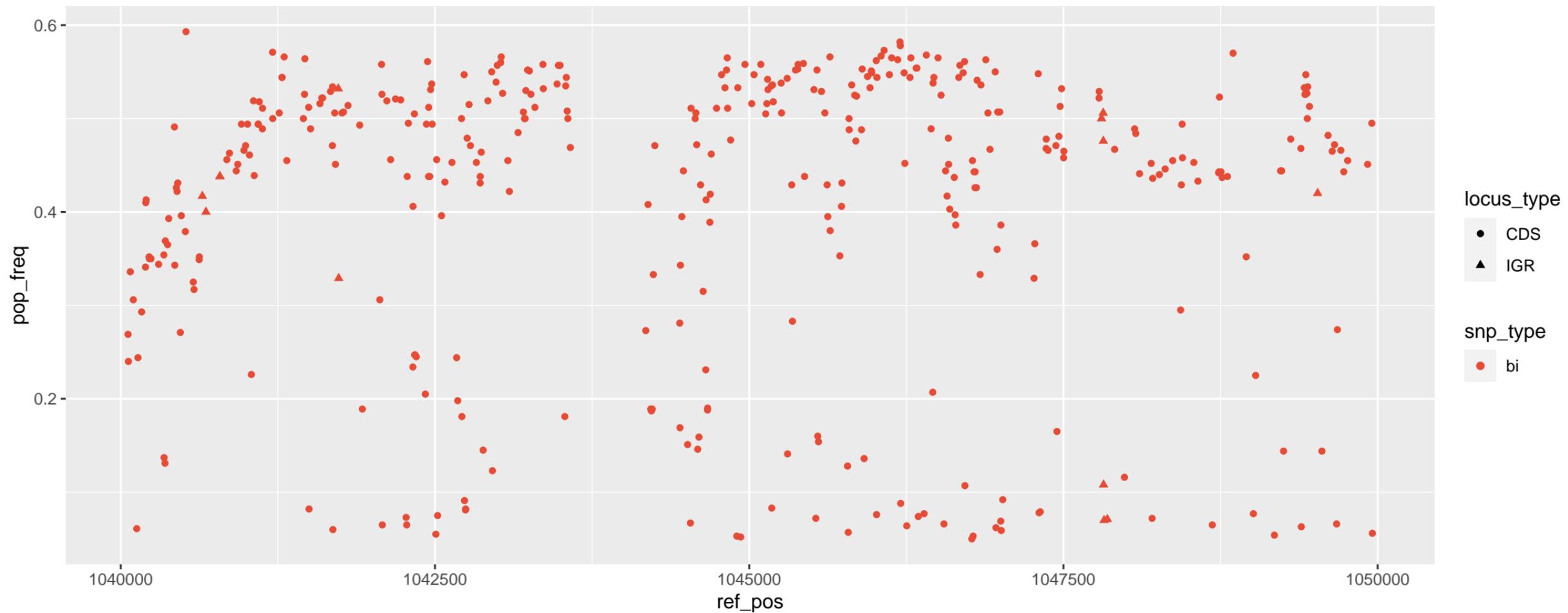
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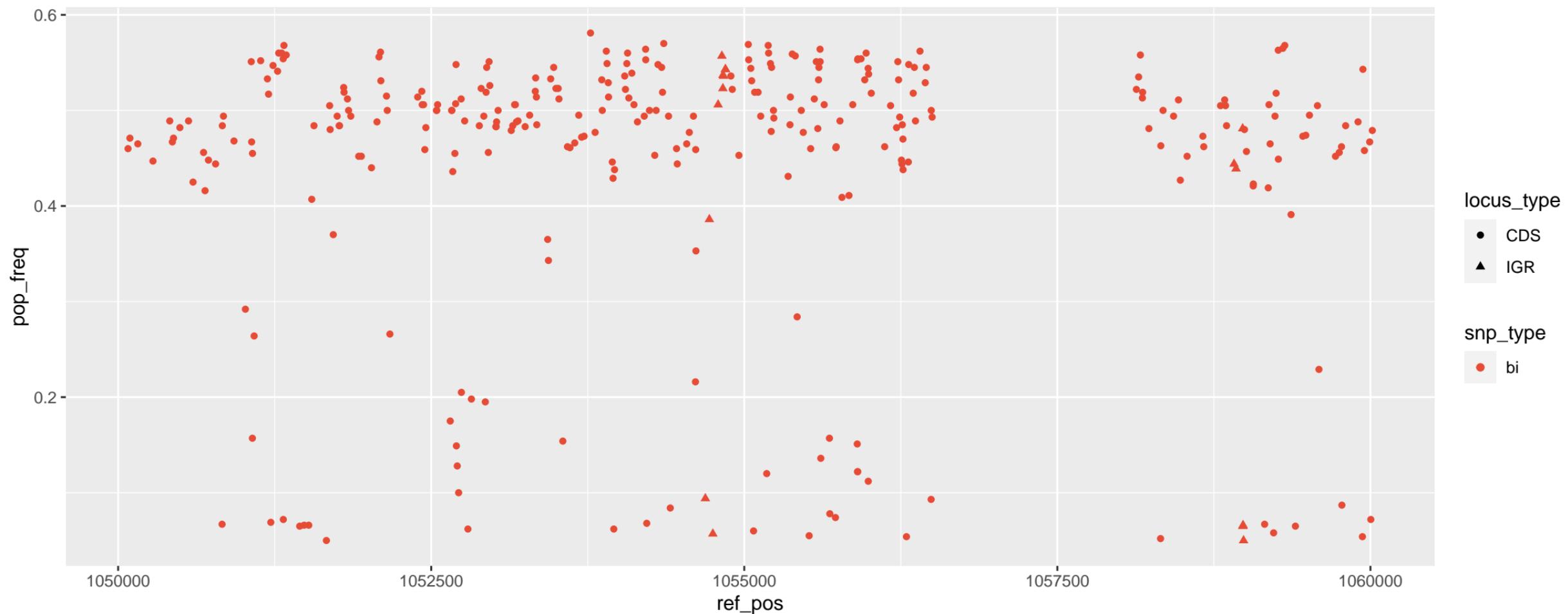
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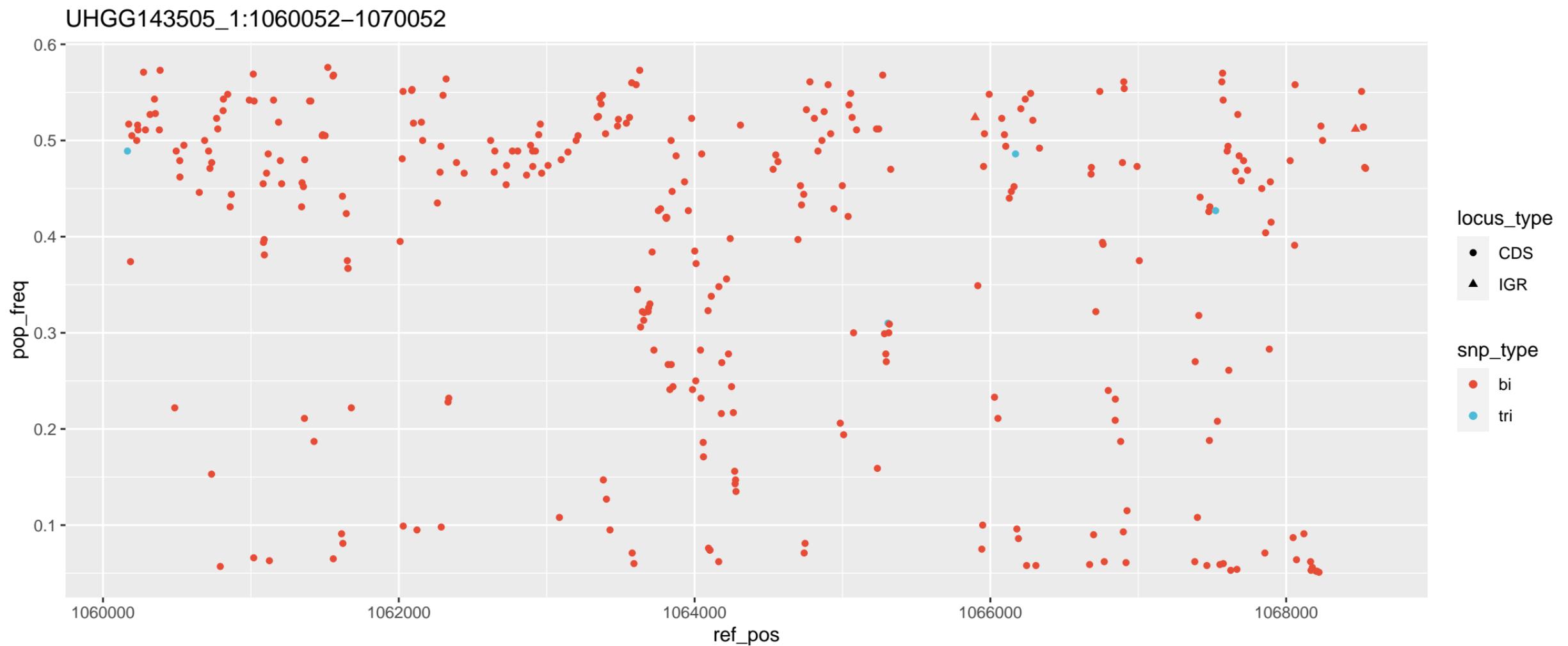


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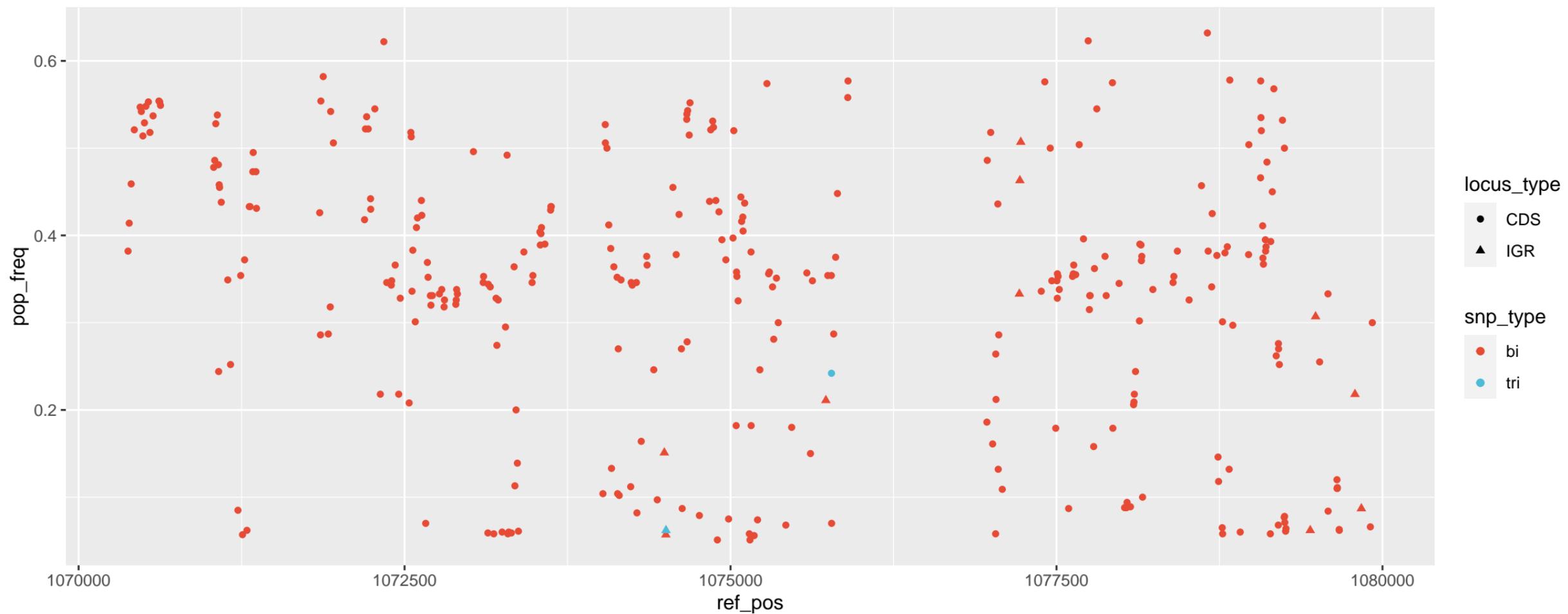


## UHGG143505\_1:1050052-1060052

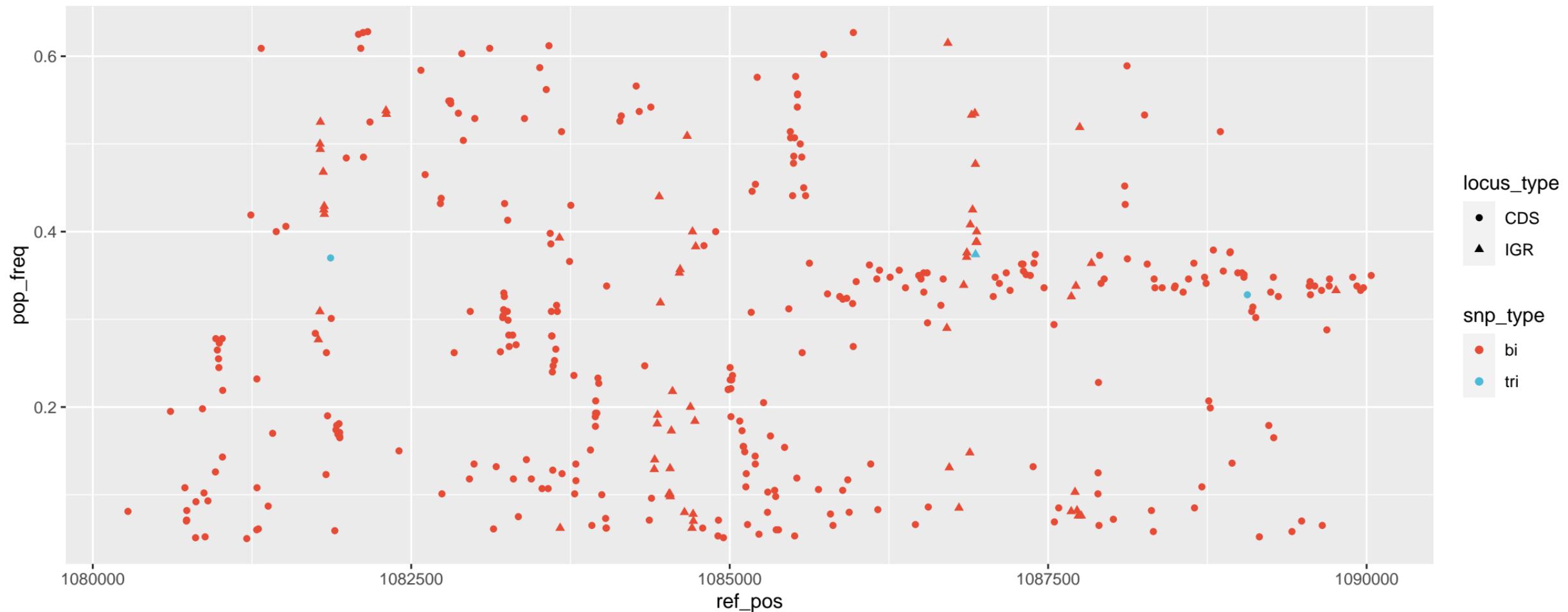




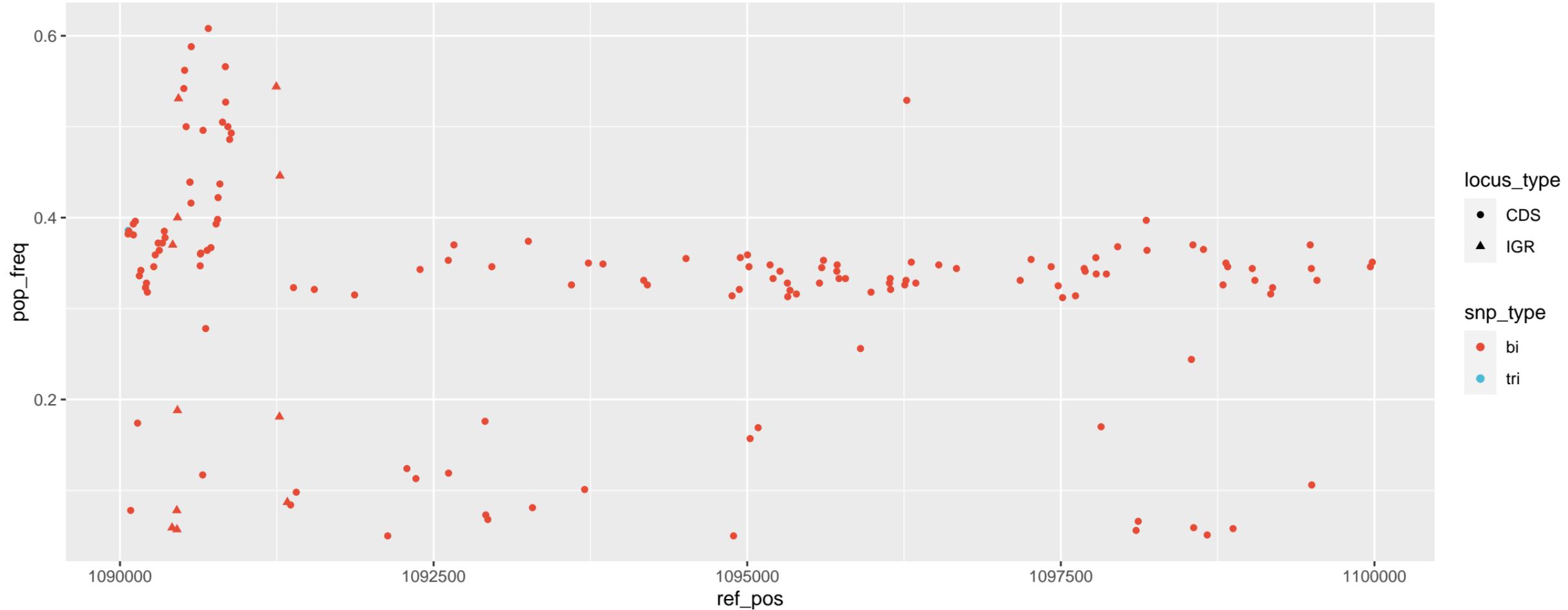
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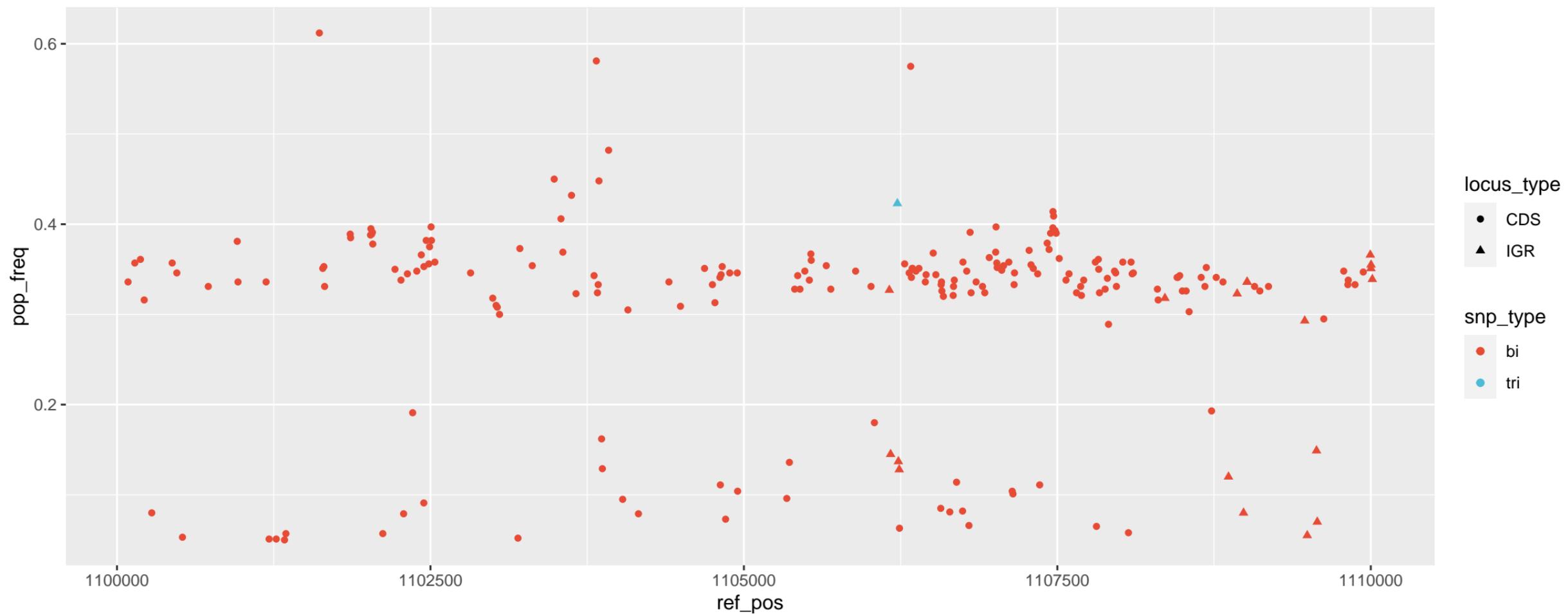
## UHGG143505\_1:1080052–1090052



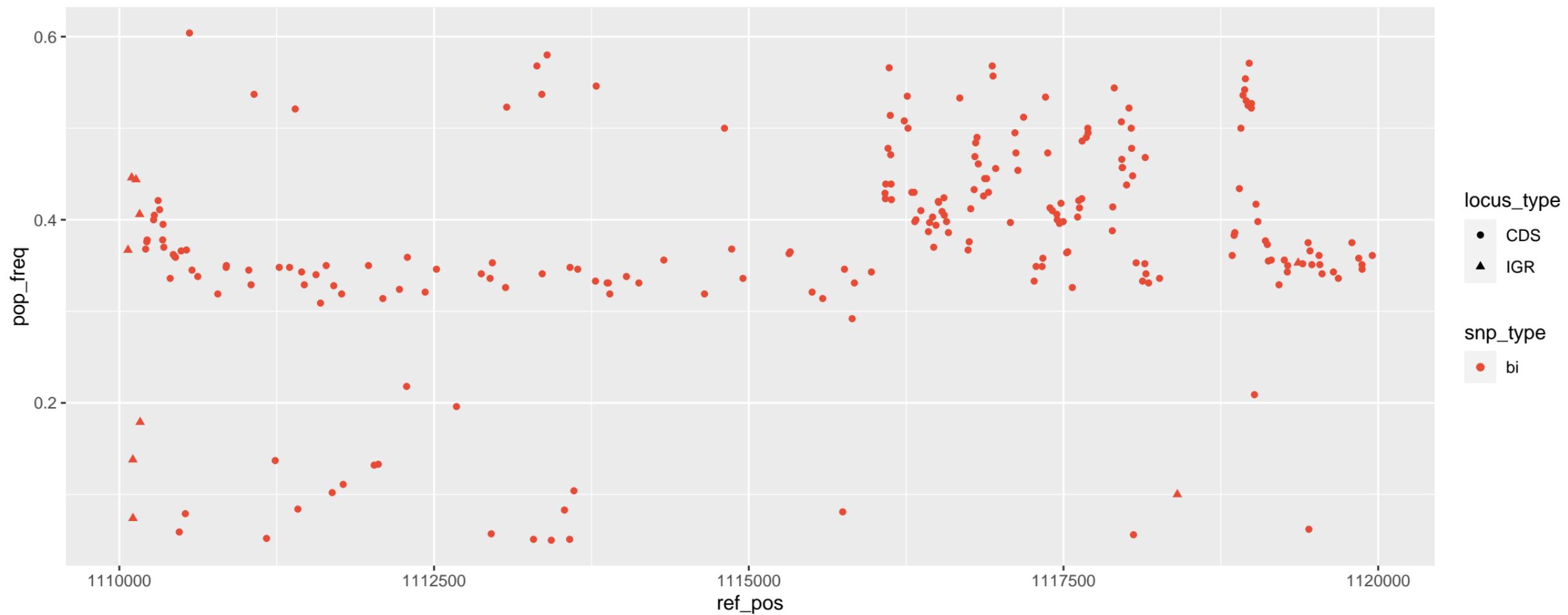
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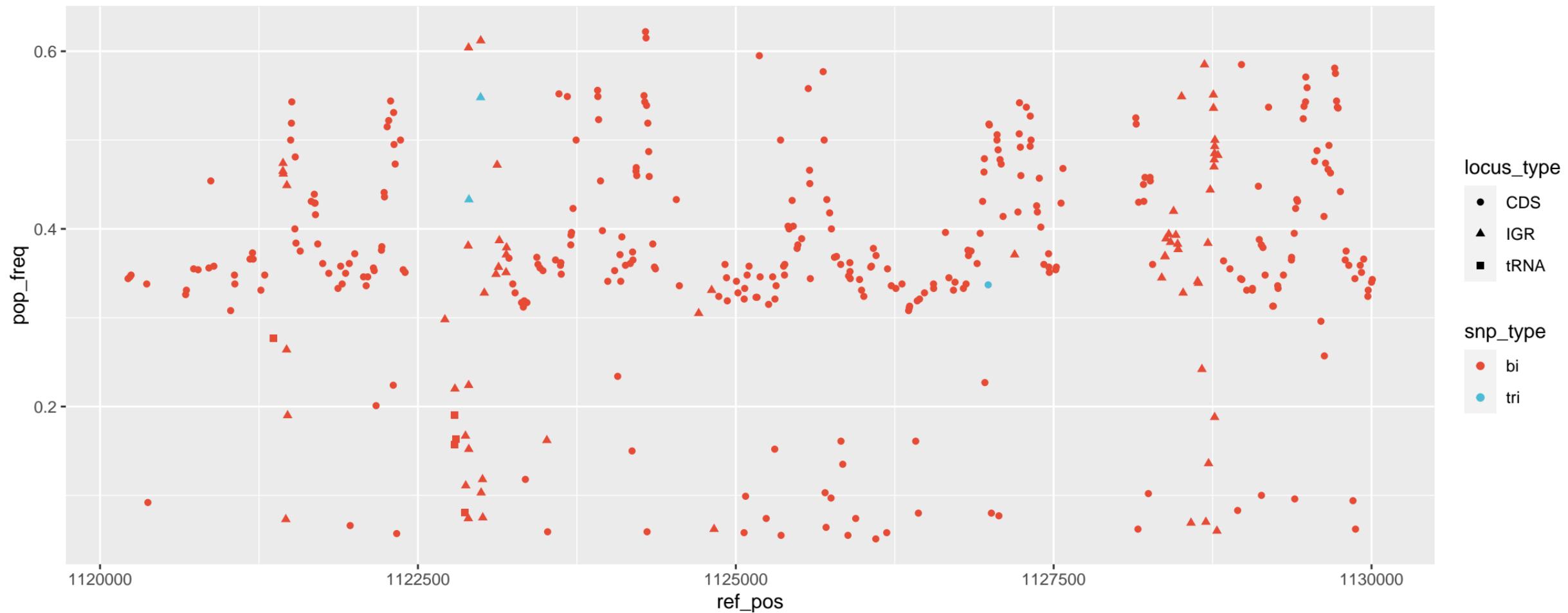
## UHGG143505\_1:1100052–1110052



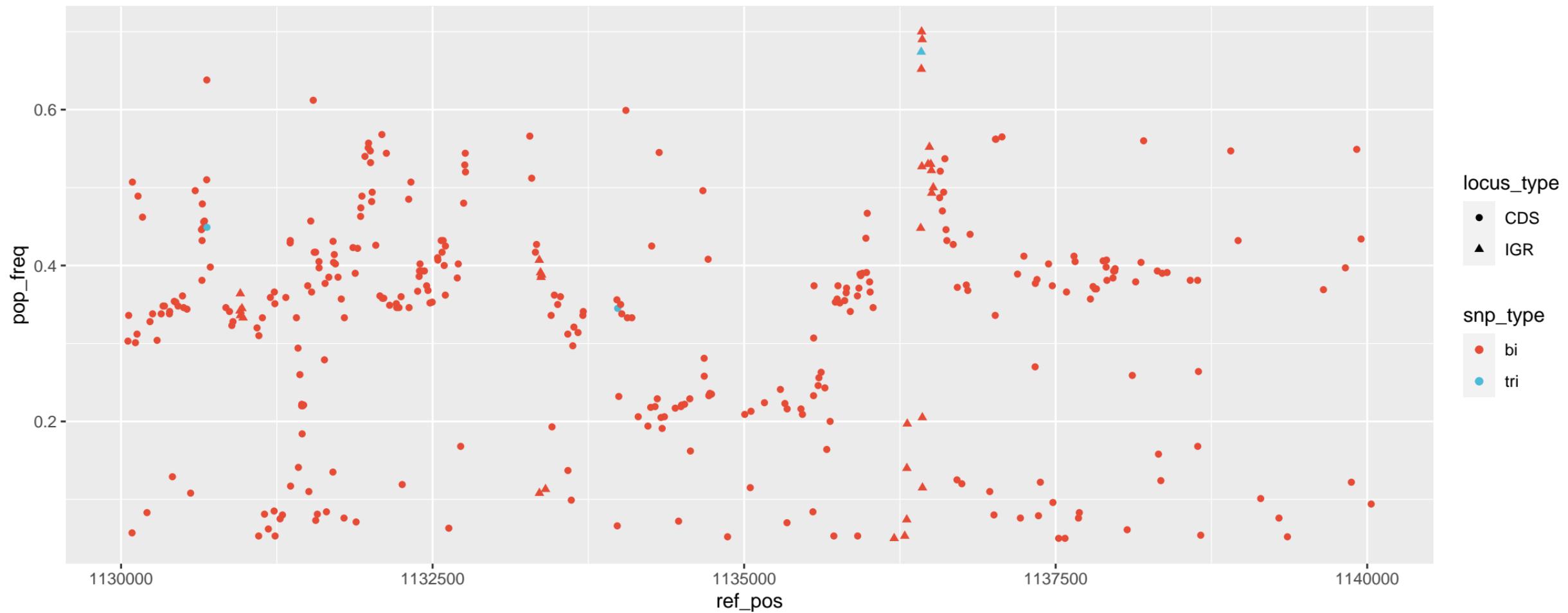
## UHGG143505\_1:1110052–1120052



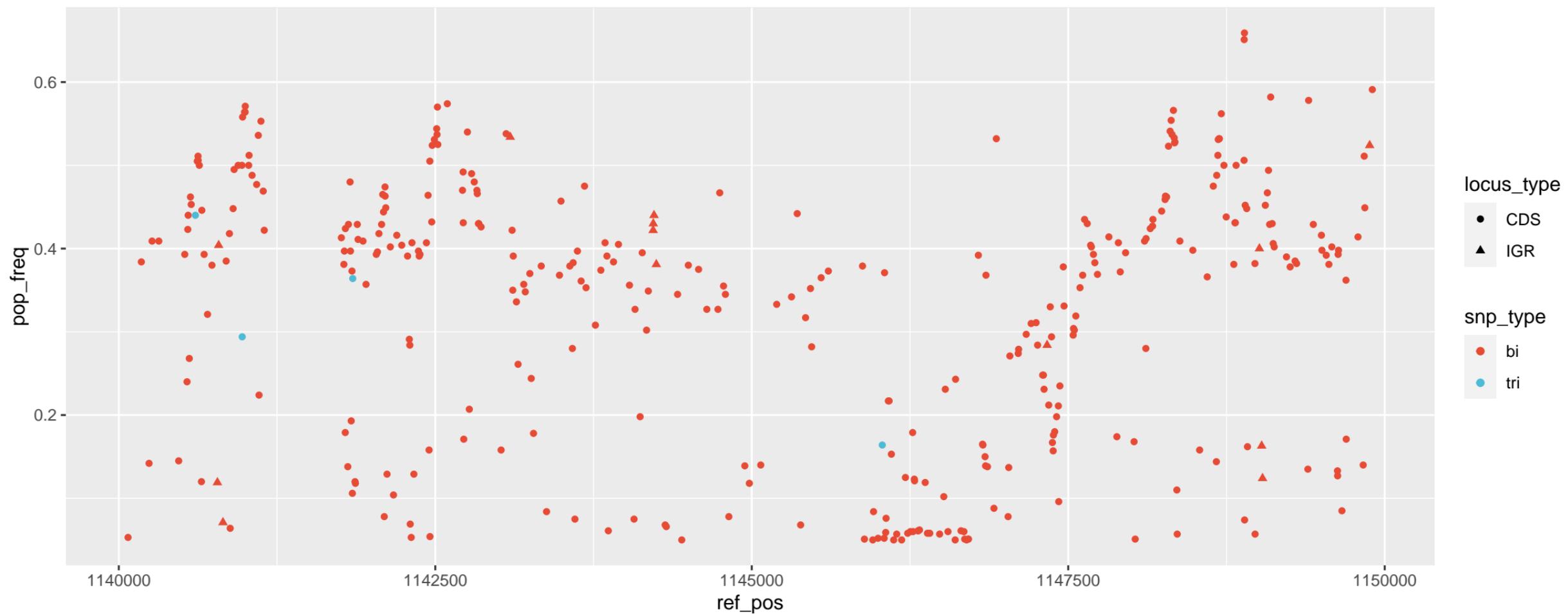
## UHGG143505\_1:1120052–1130052



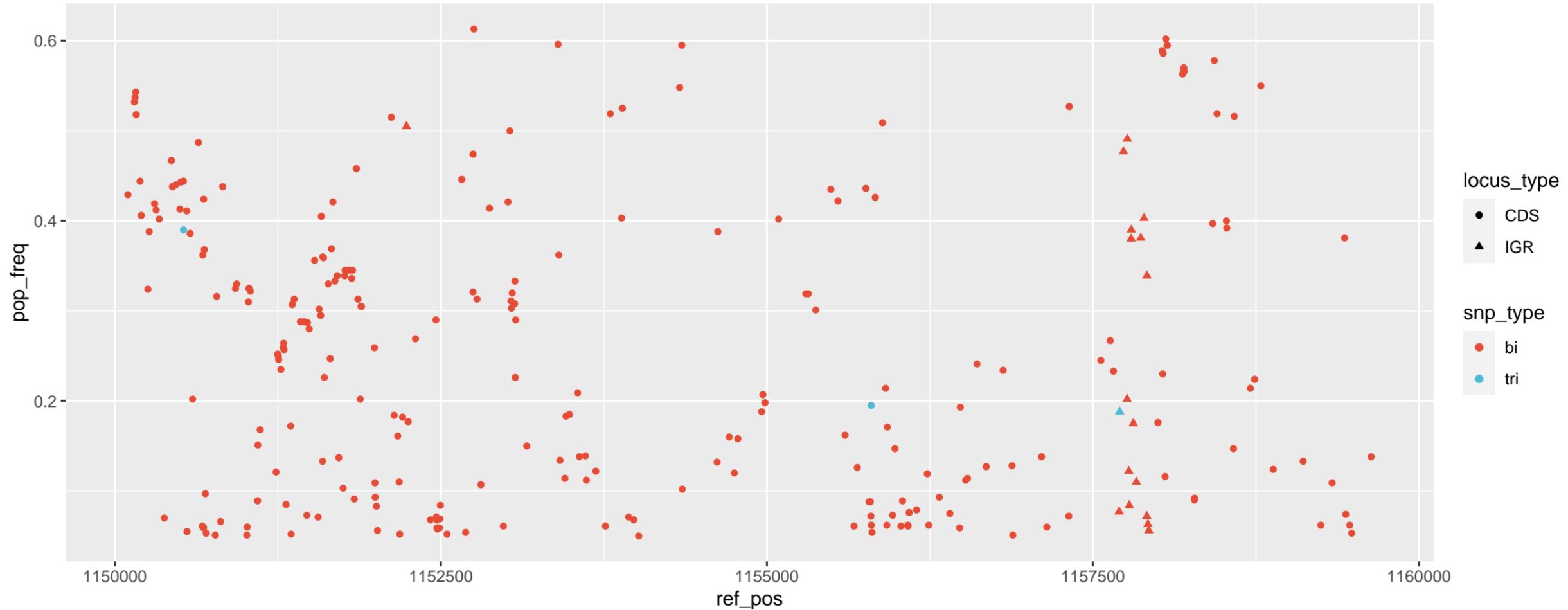
## UHGG143505\_1:1130052-1140052



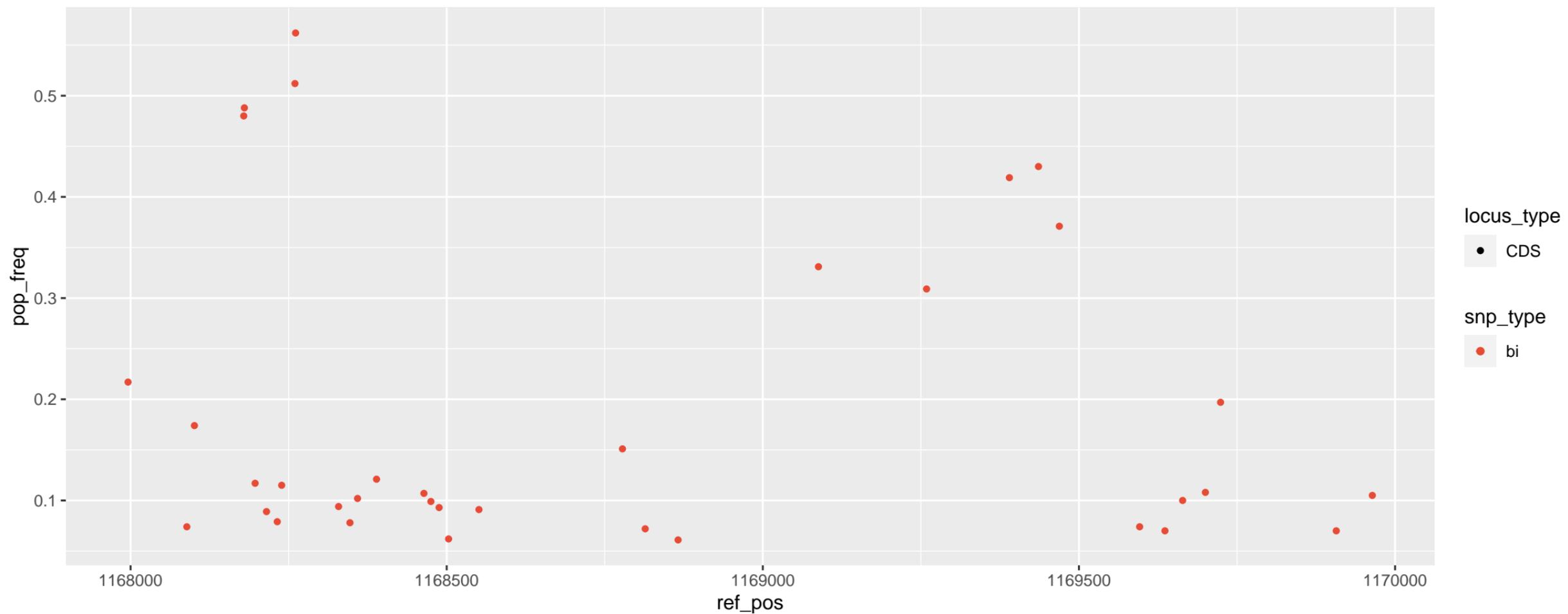
## UHGG143505\_1:1140052–1150052



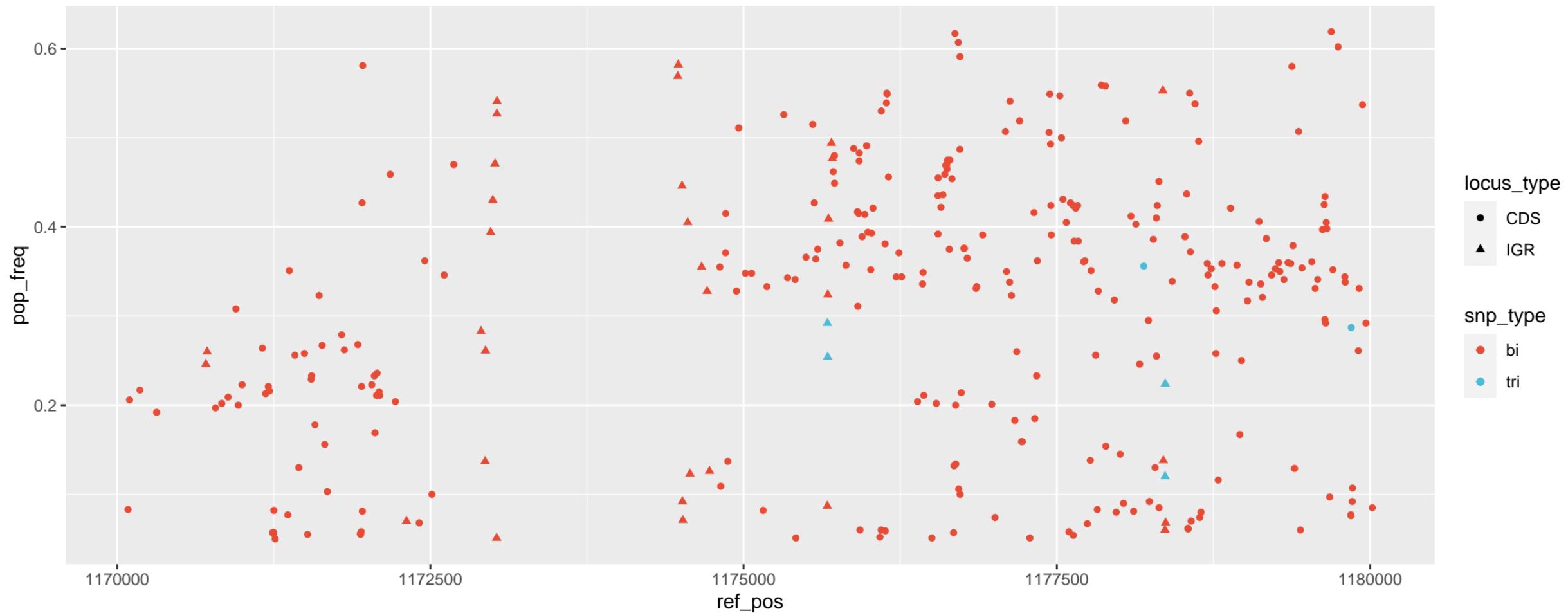
## UHGG143505\_1:1150052–1160052



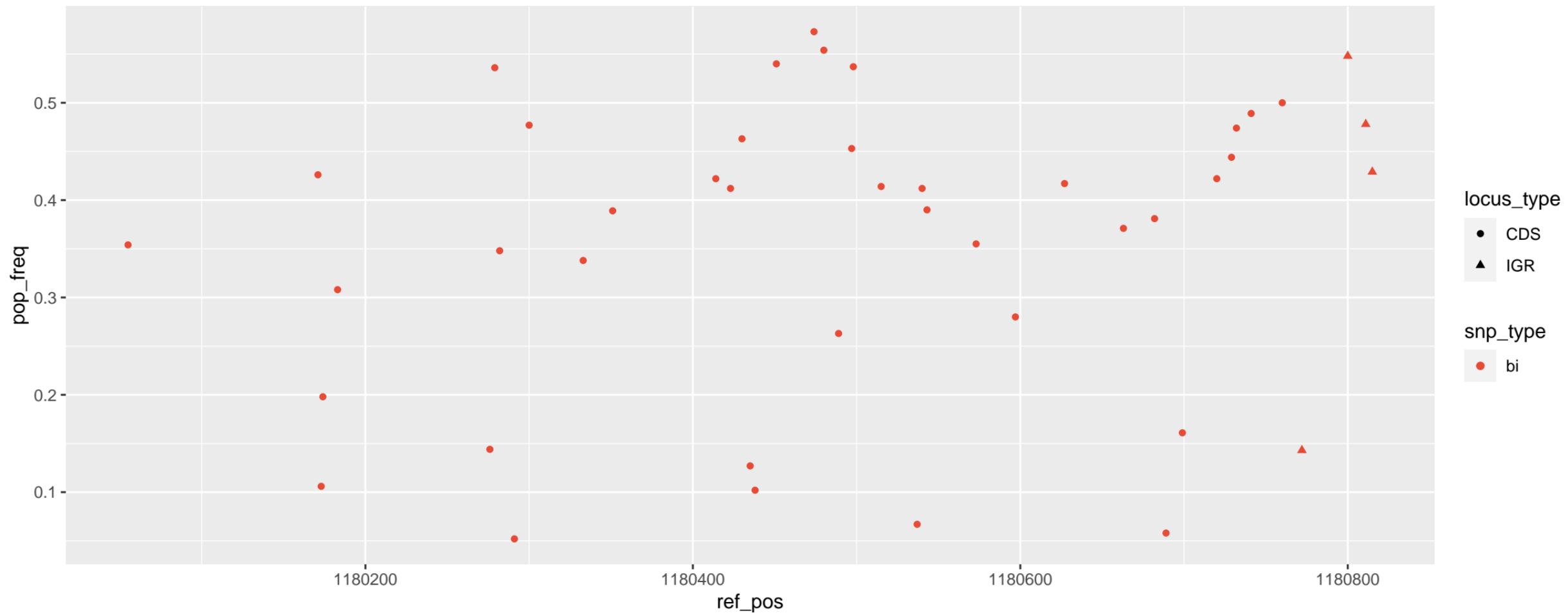
## UHGG143505\_1:1160052-1170052



## UHGG143505\_1:1170052–1180052



## UHGG143505\_1:1180052–1190052



UHGG143505\_1:1190052–1200052

pop\_freq

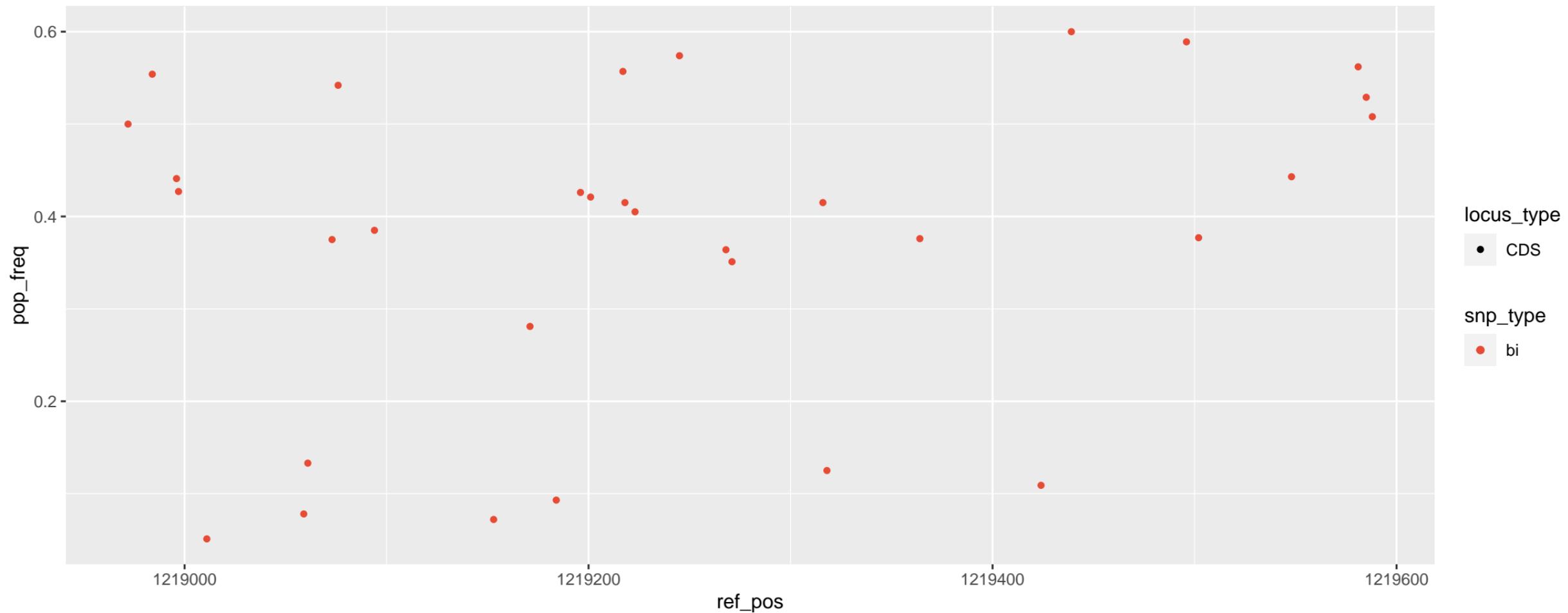
ref\_pos

UHGG143505\_1:1200052–1210052

pop\_freq

ref\_pos

UHGG143505\_1:1210052–1220052

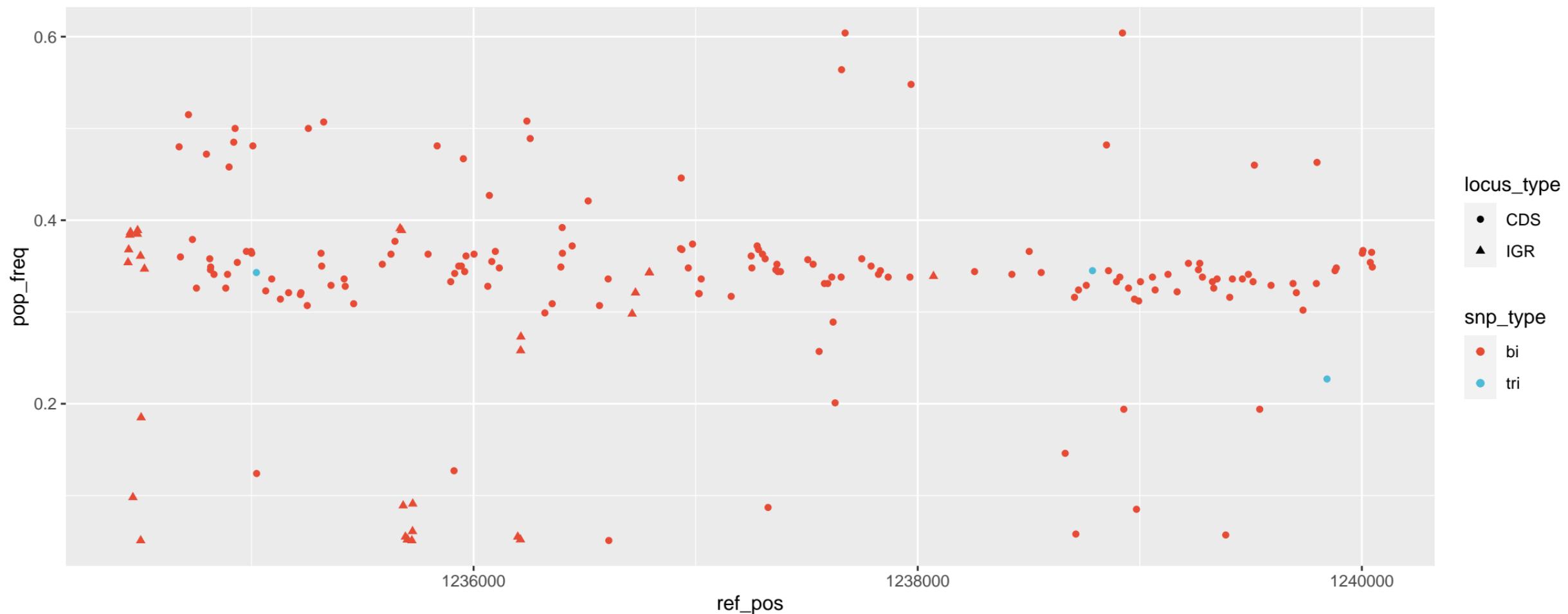


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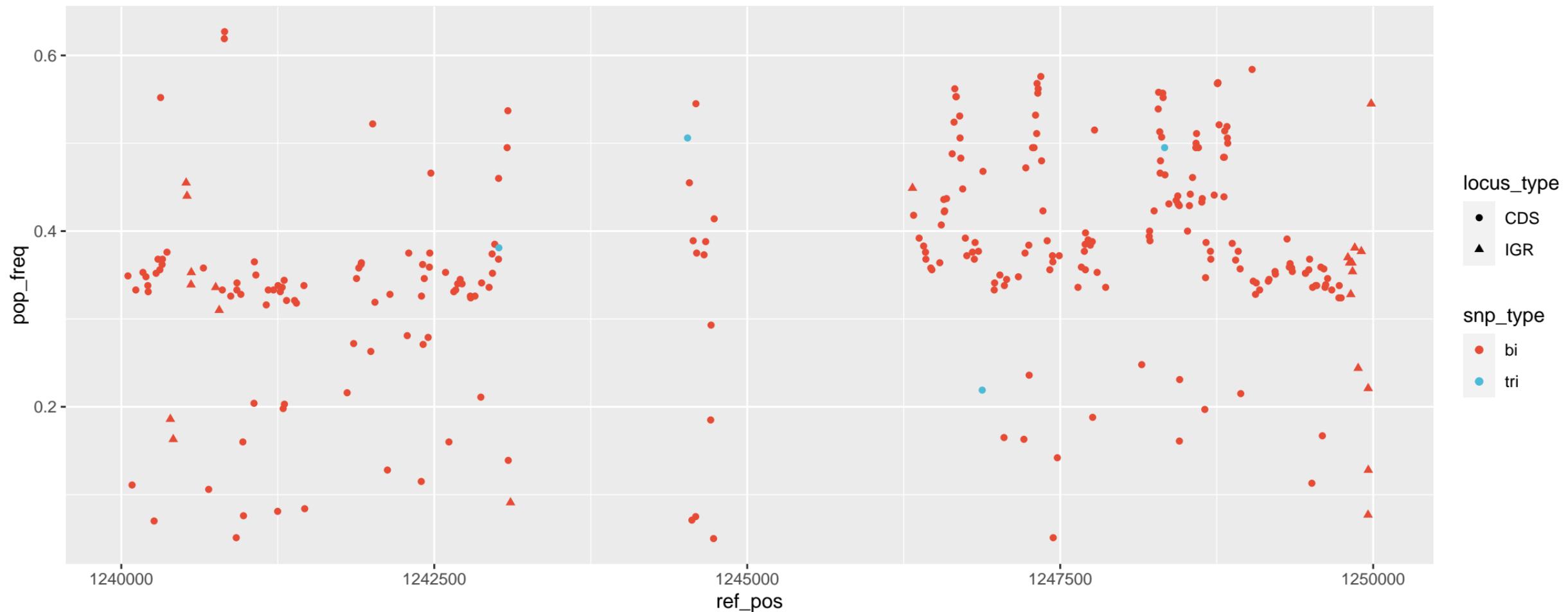
pop\_freq

ref\_pos

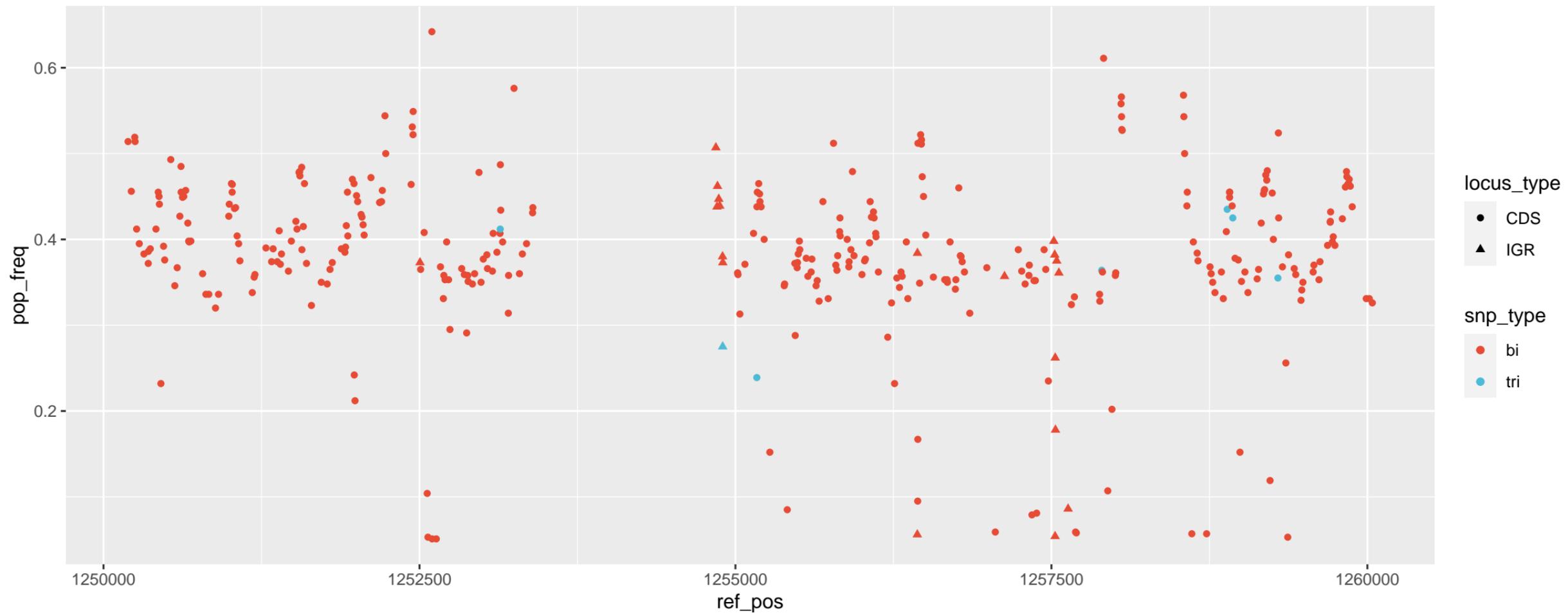
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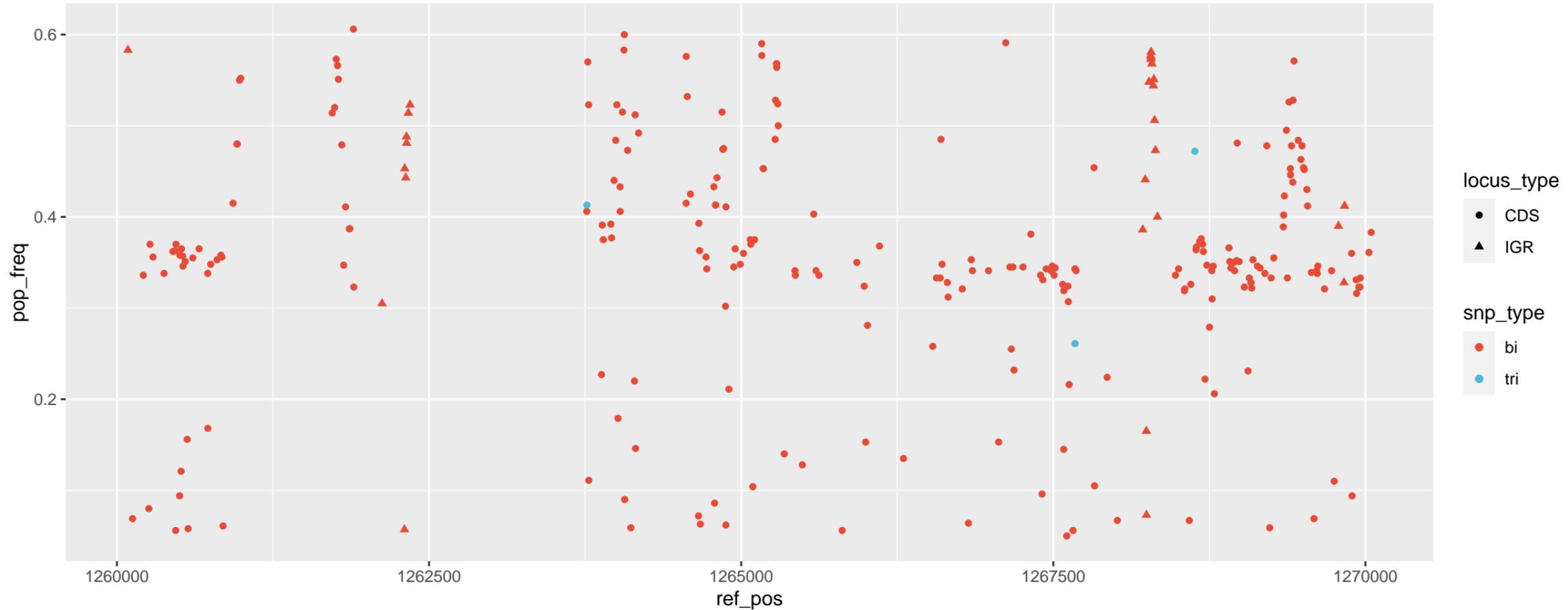
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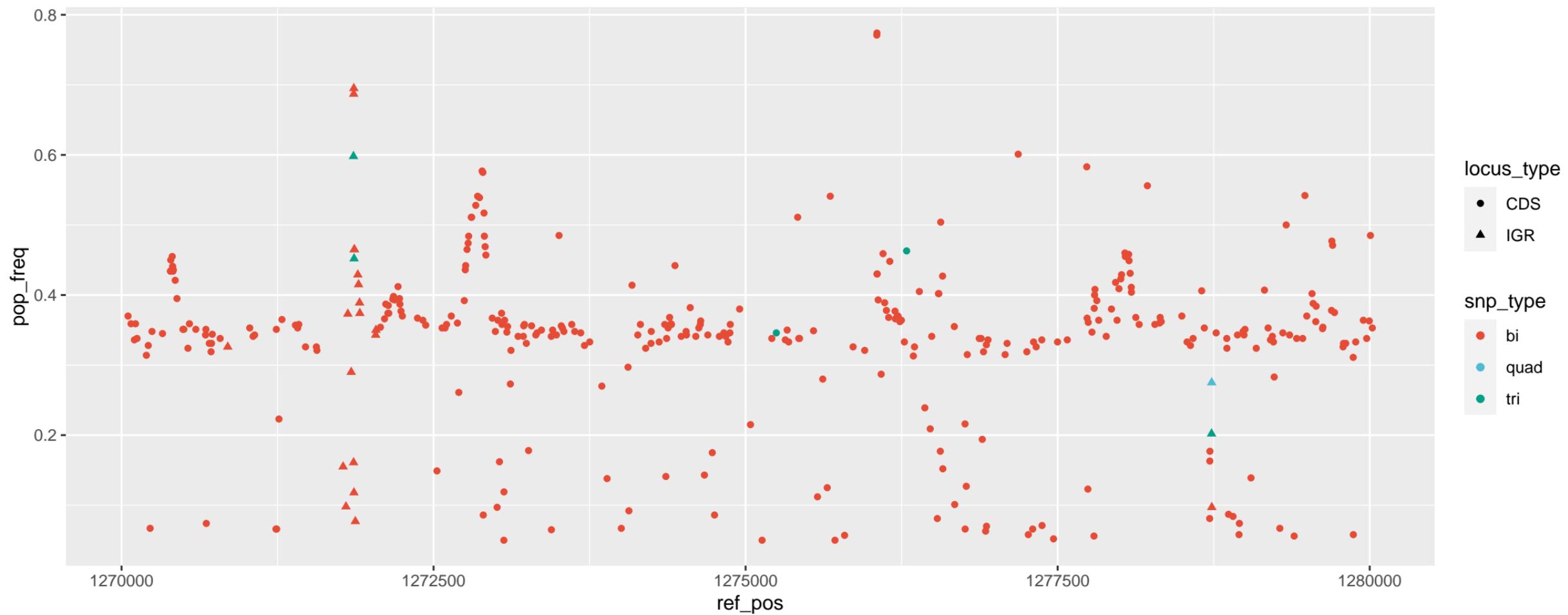
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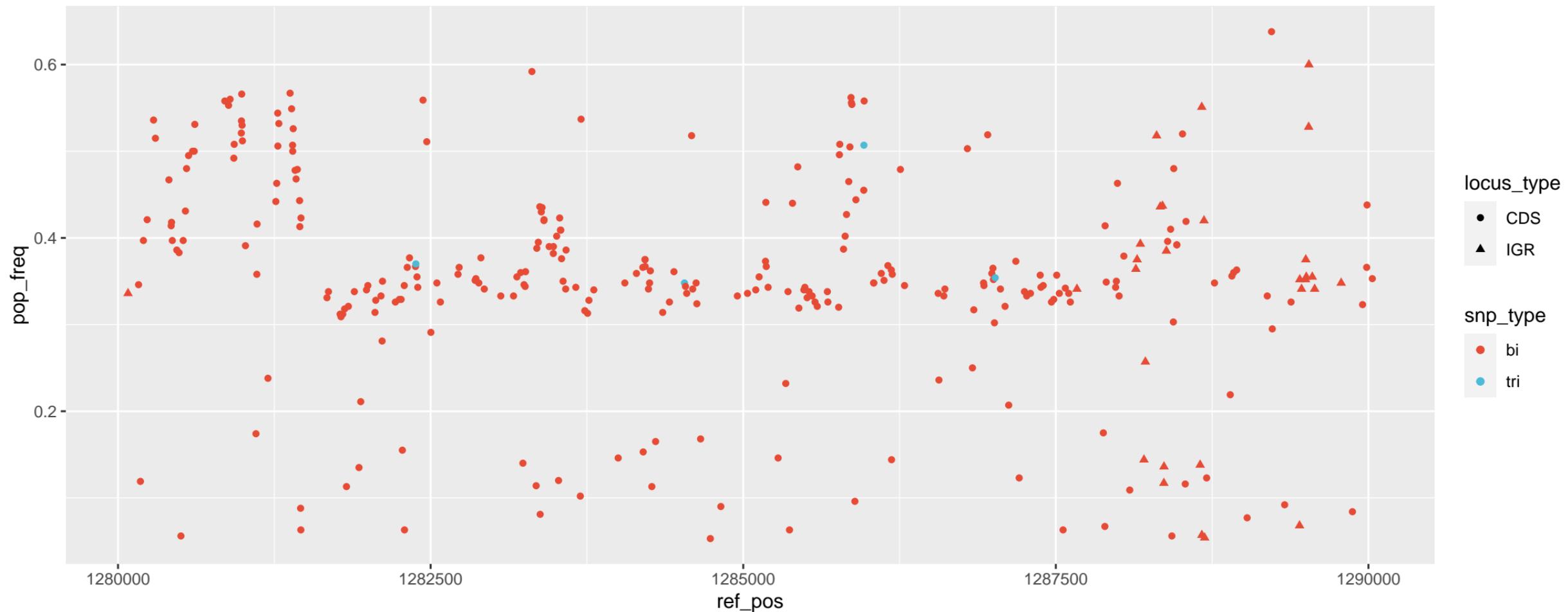
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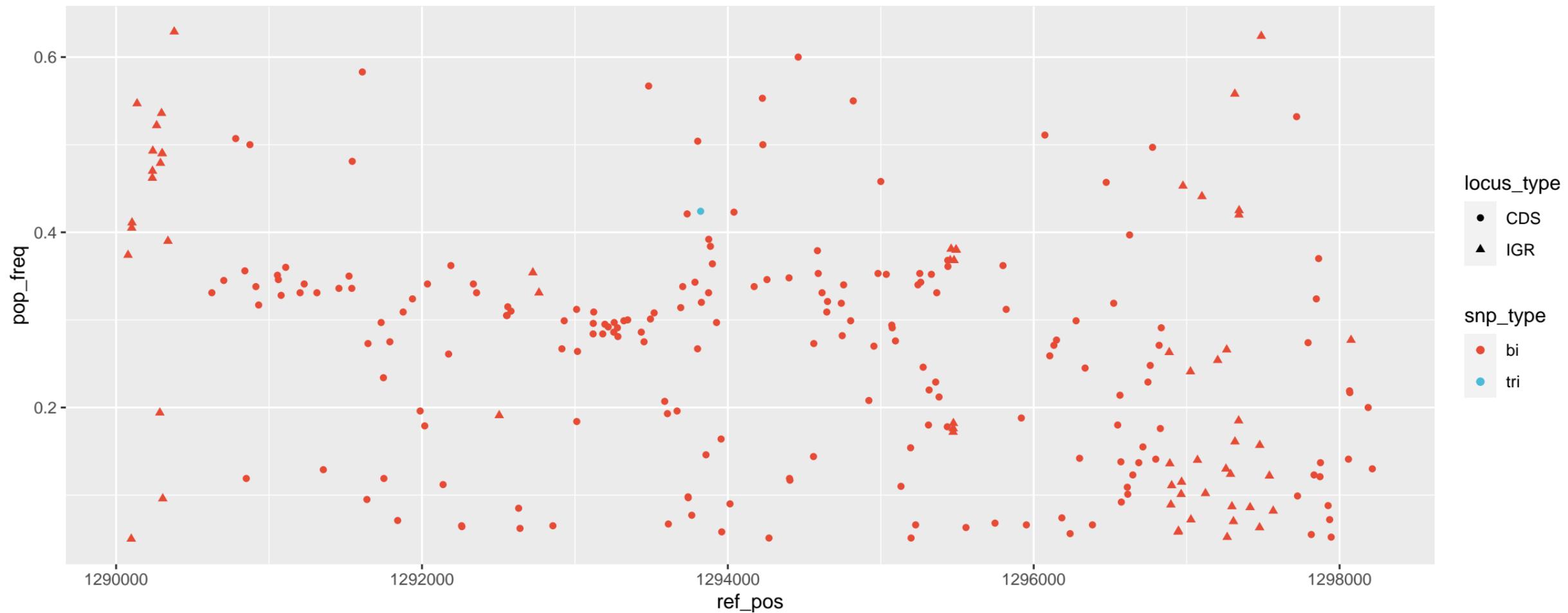
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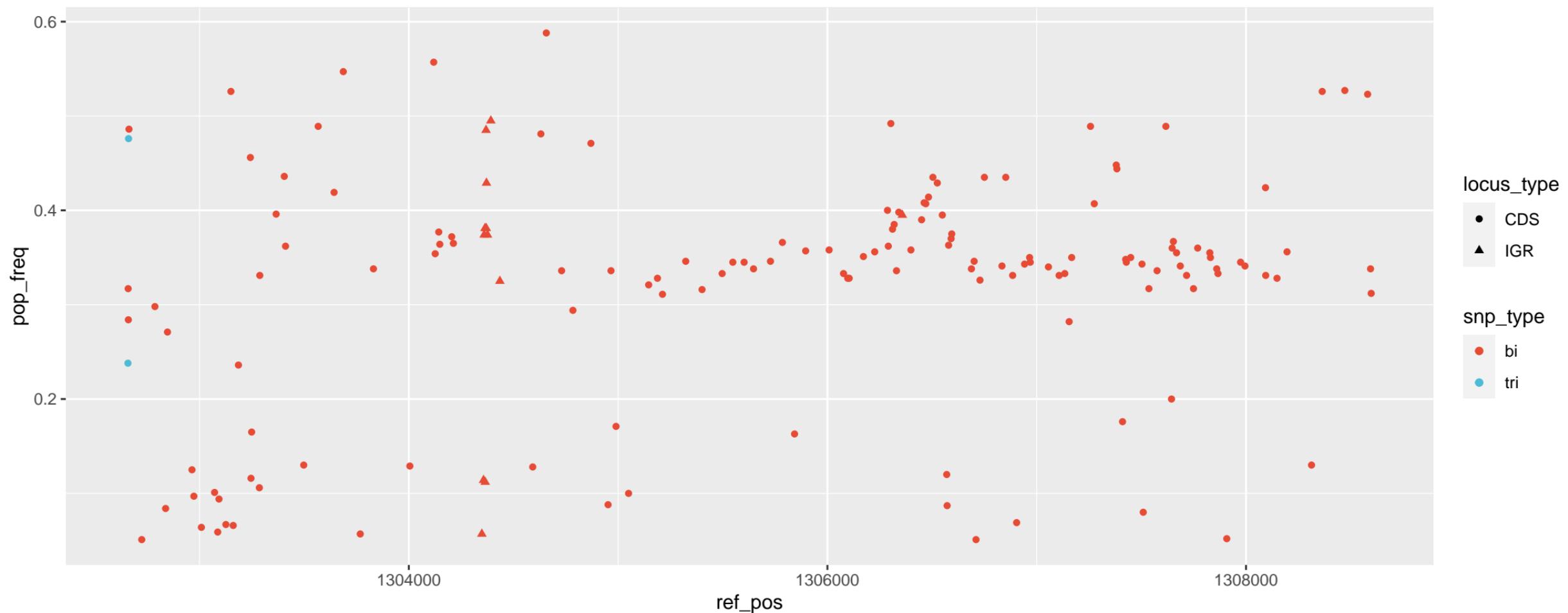
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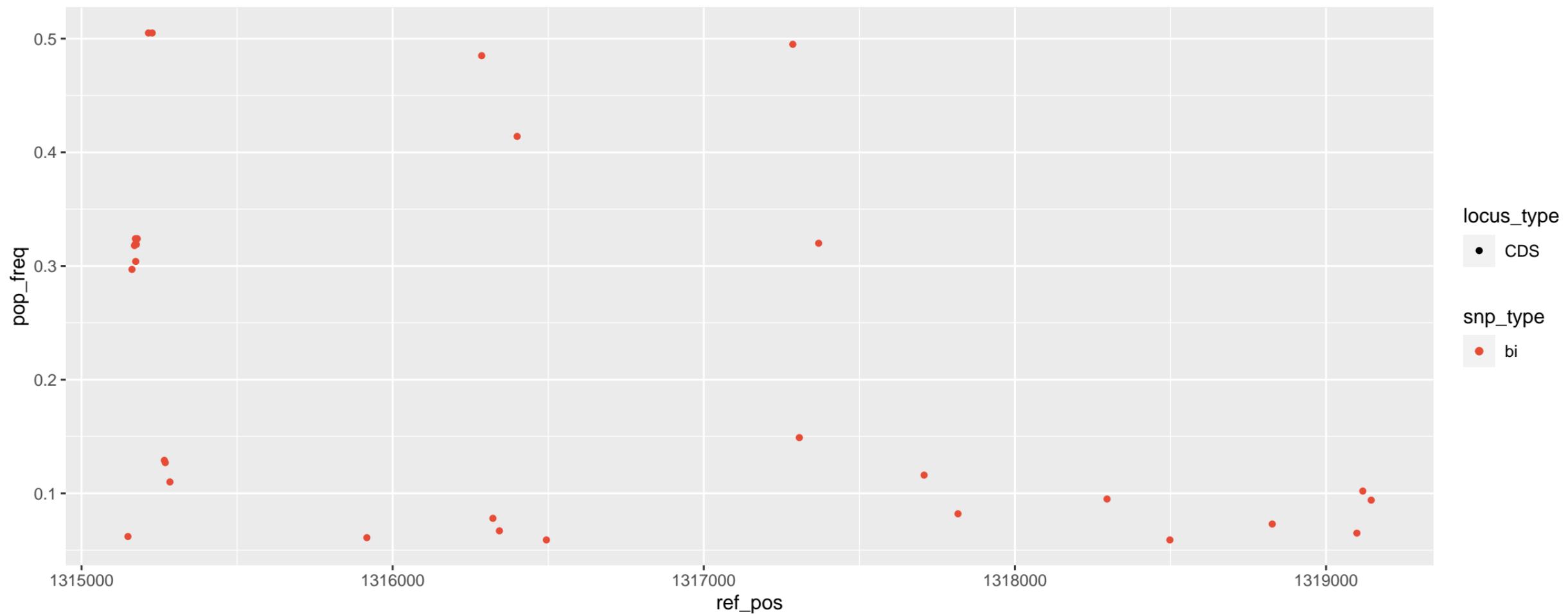
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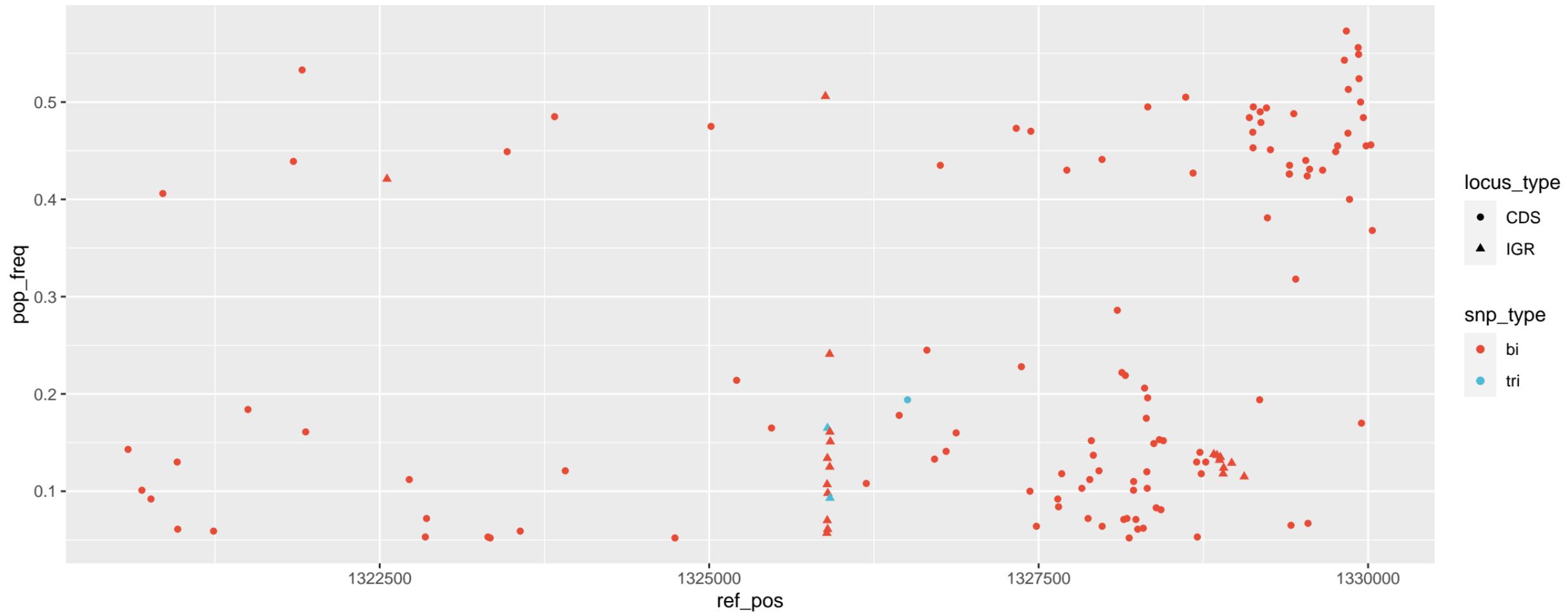
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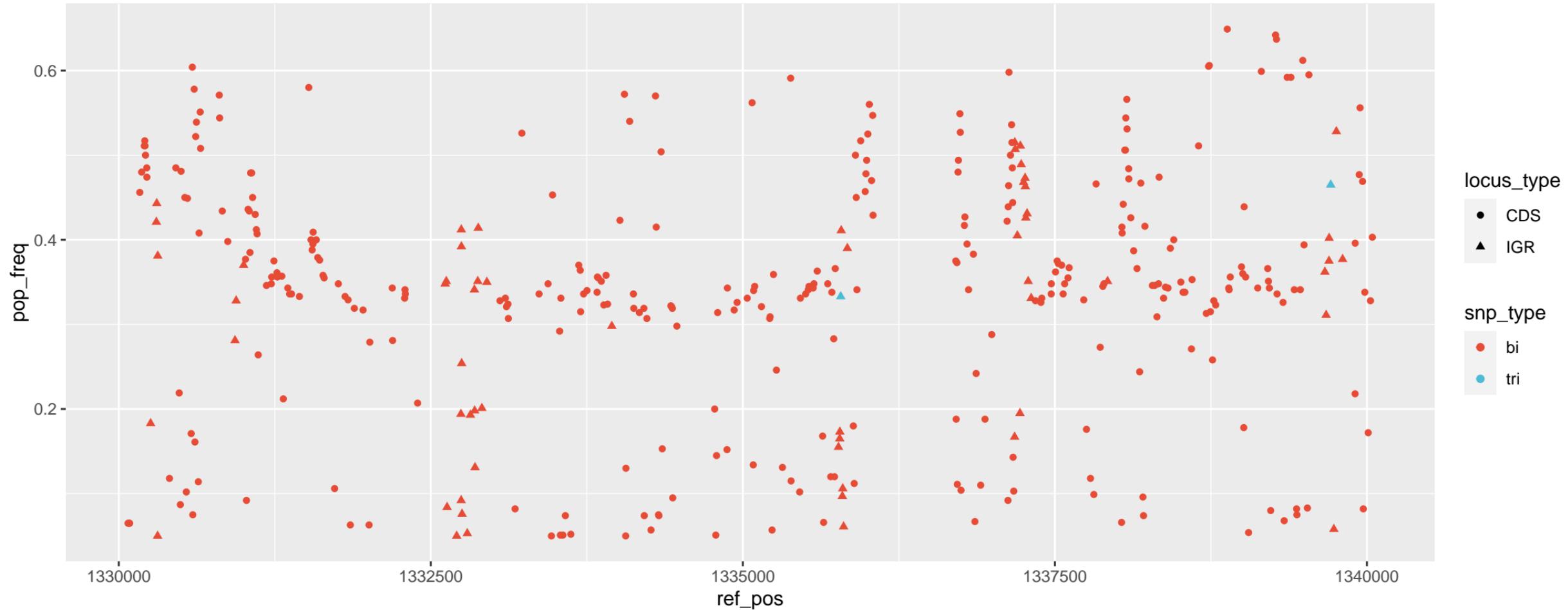
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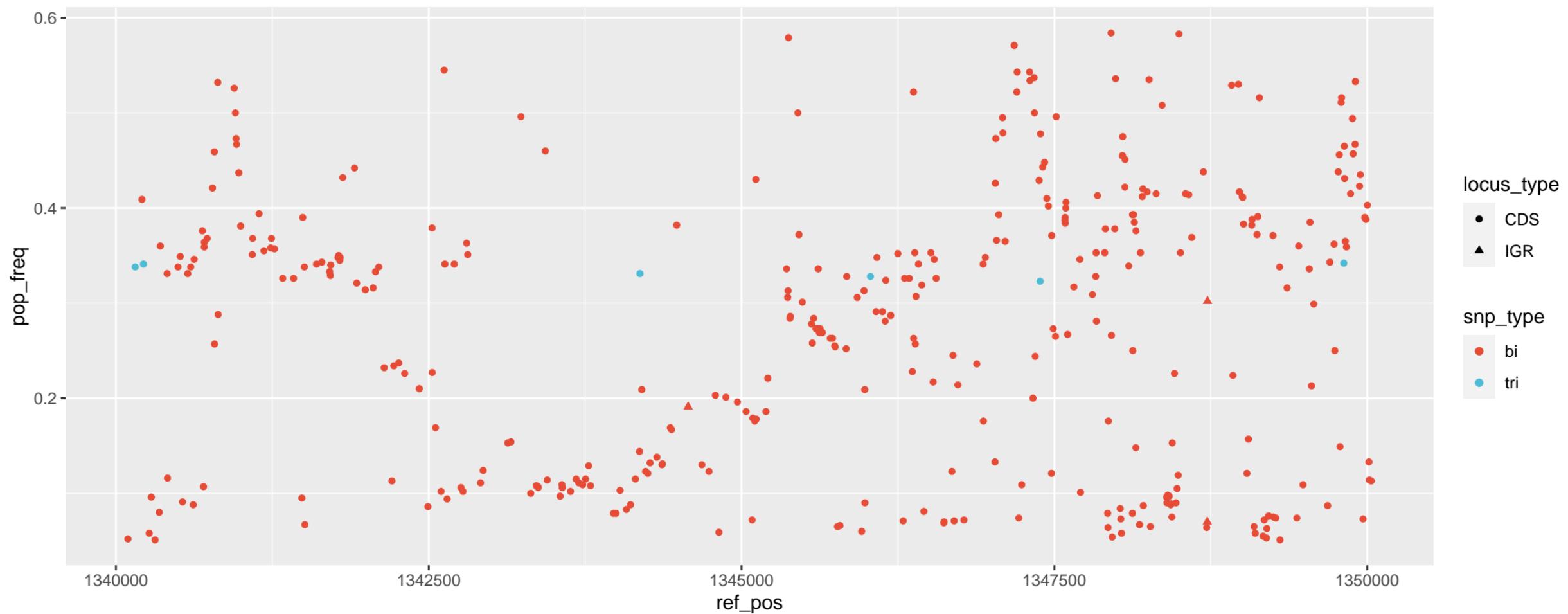
## UHGG143505\_1:1320052–1330052



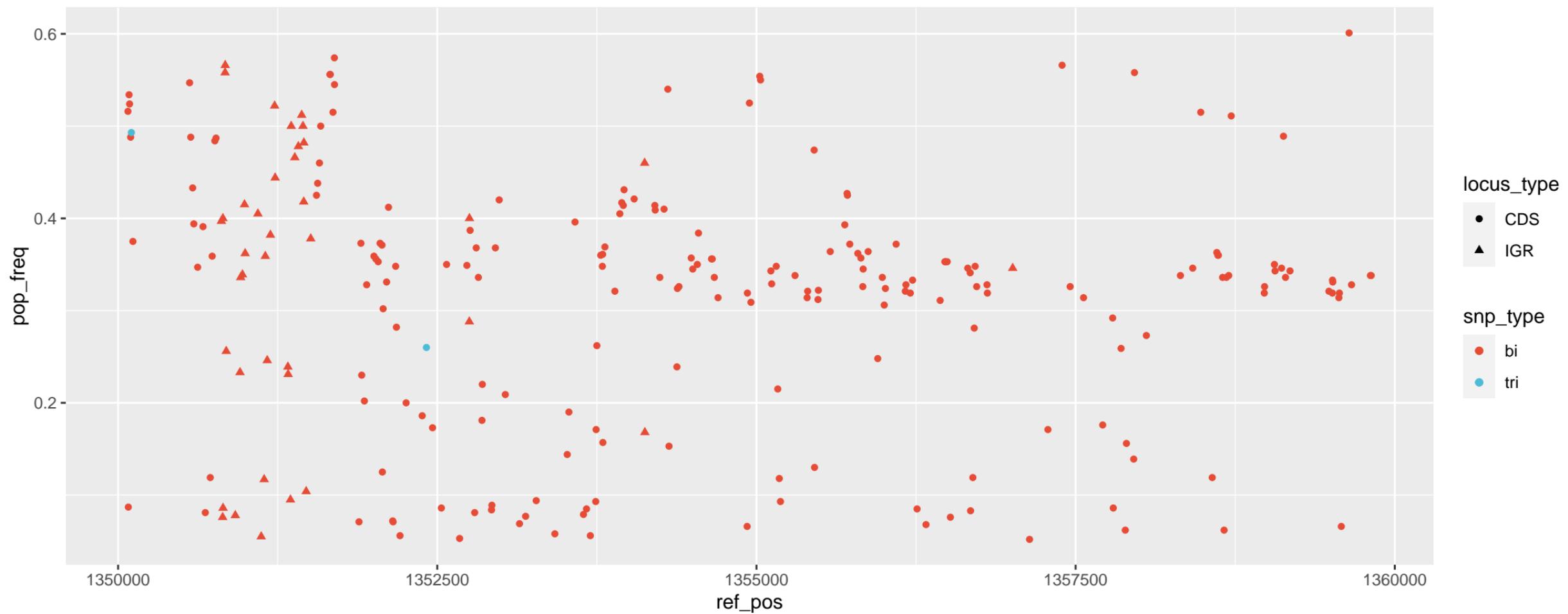
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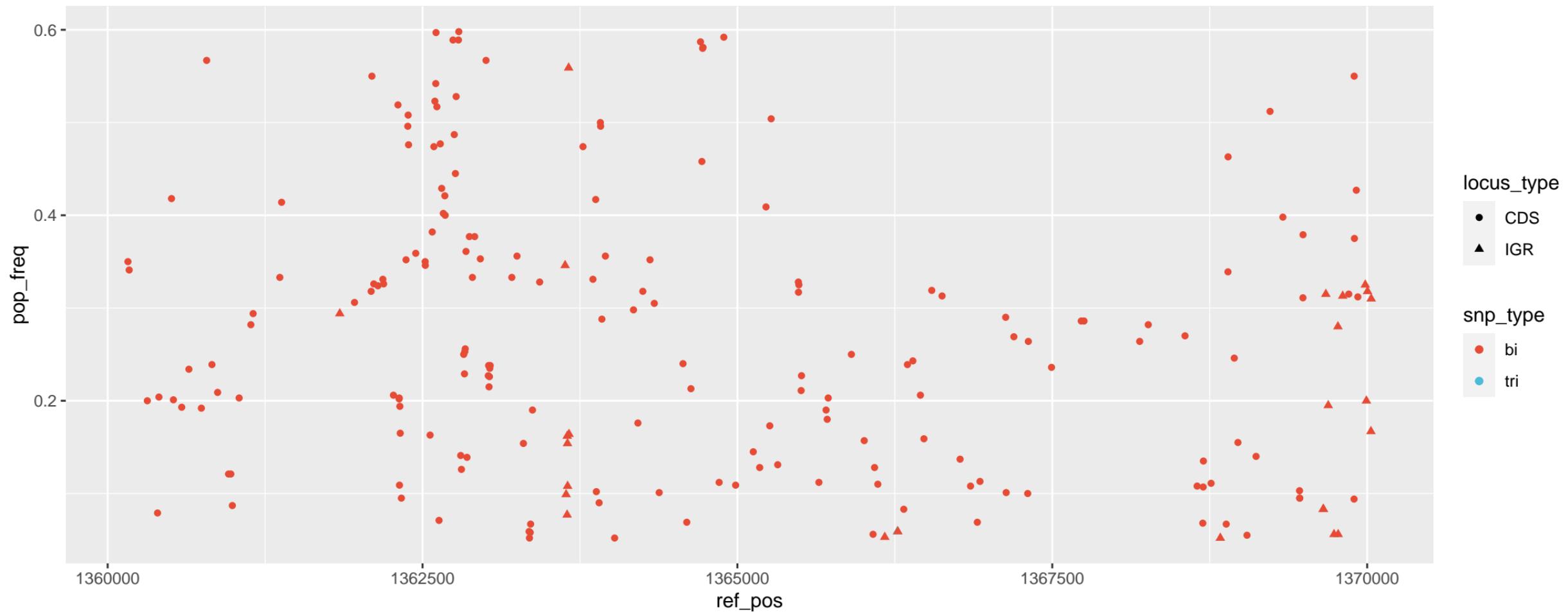
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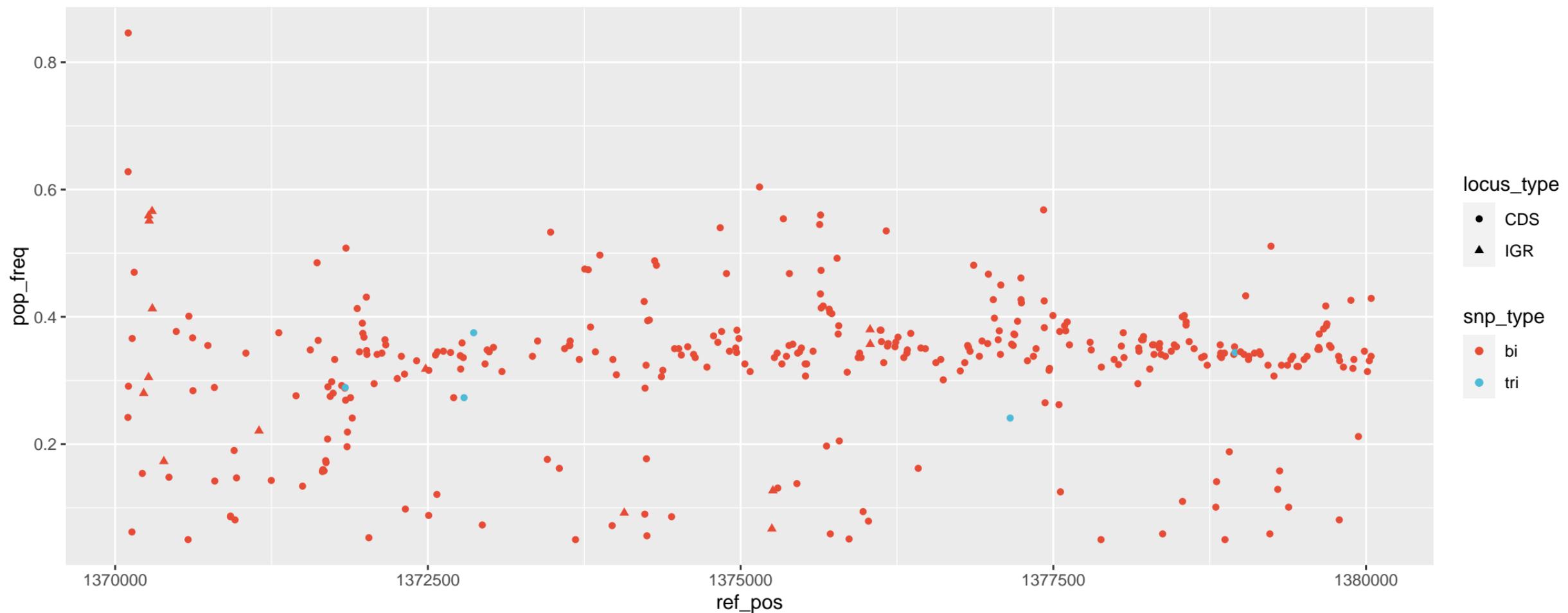
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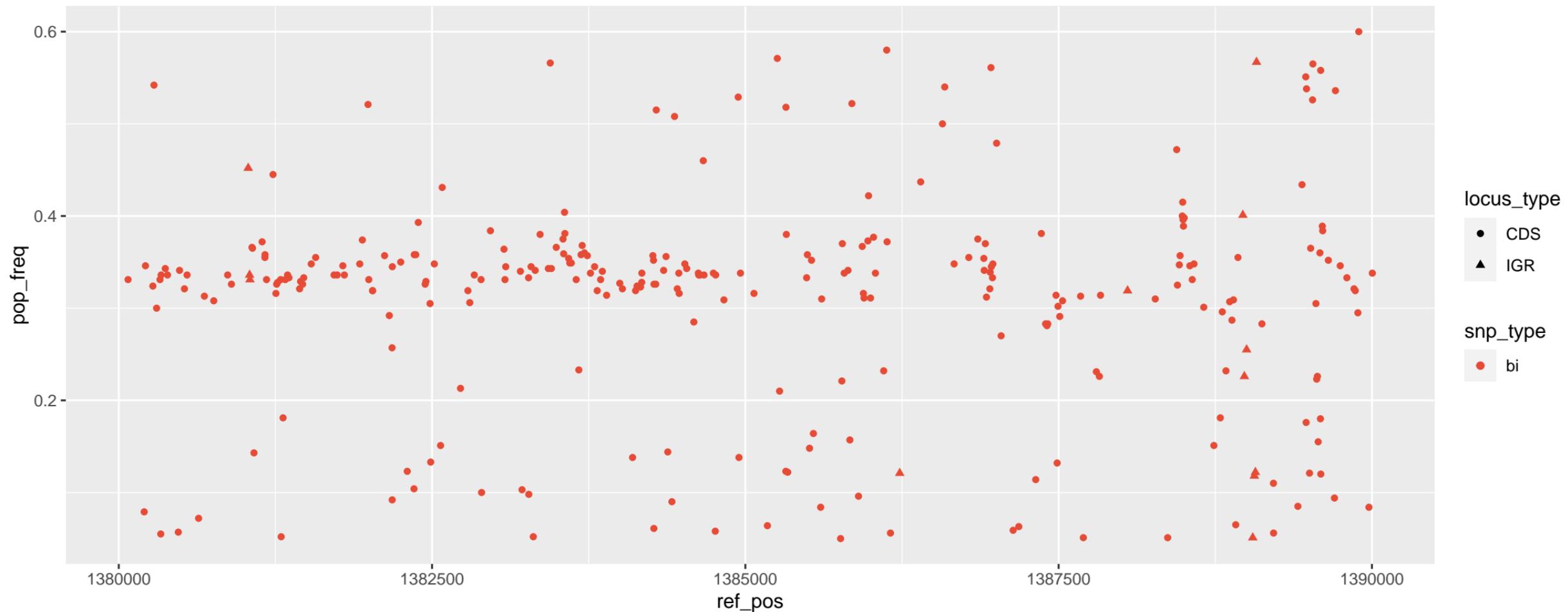
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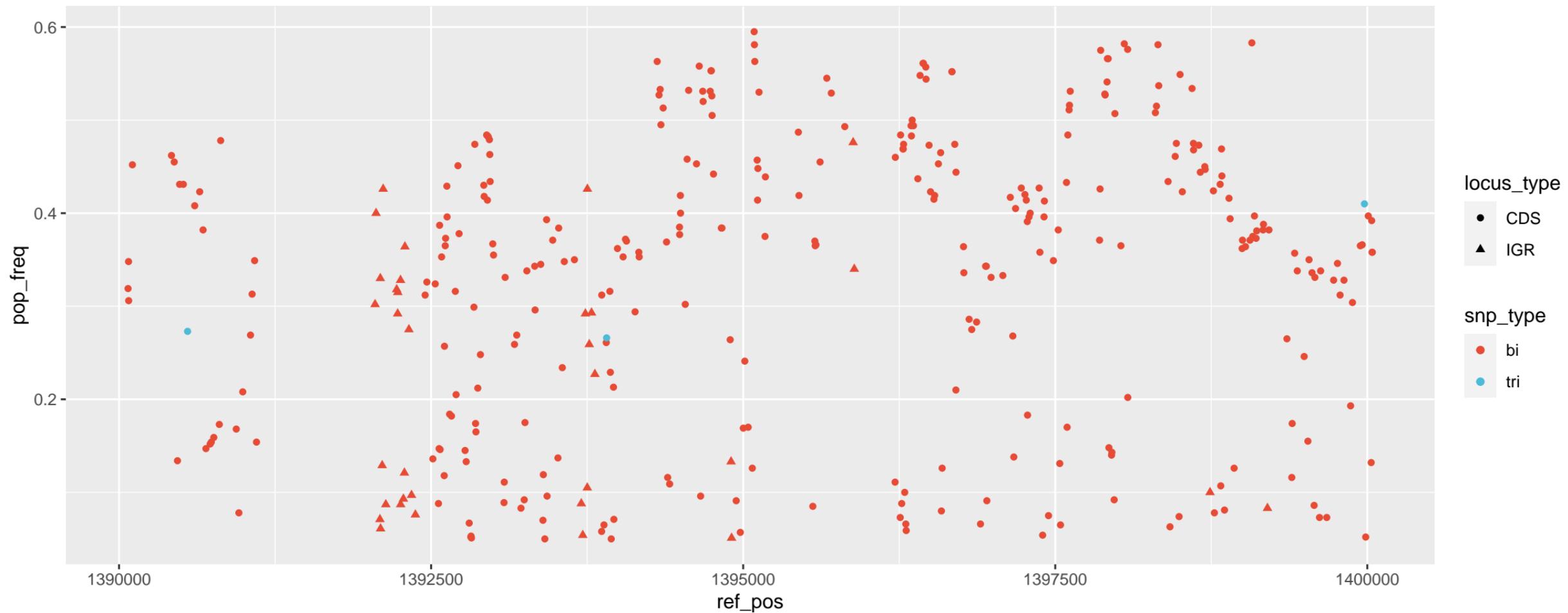
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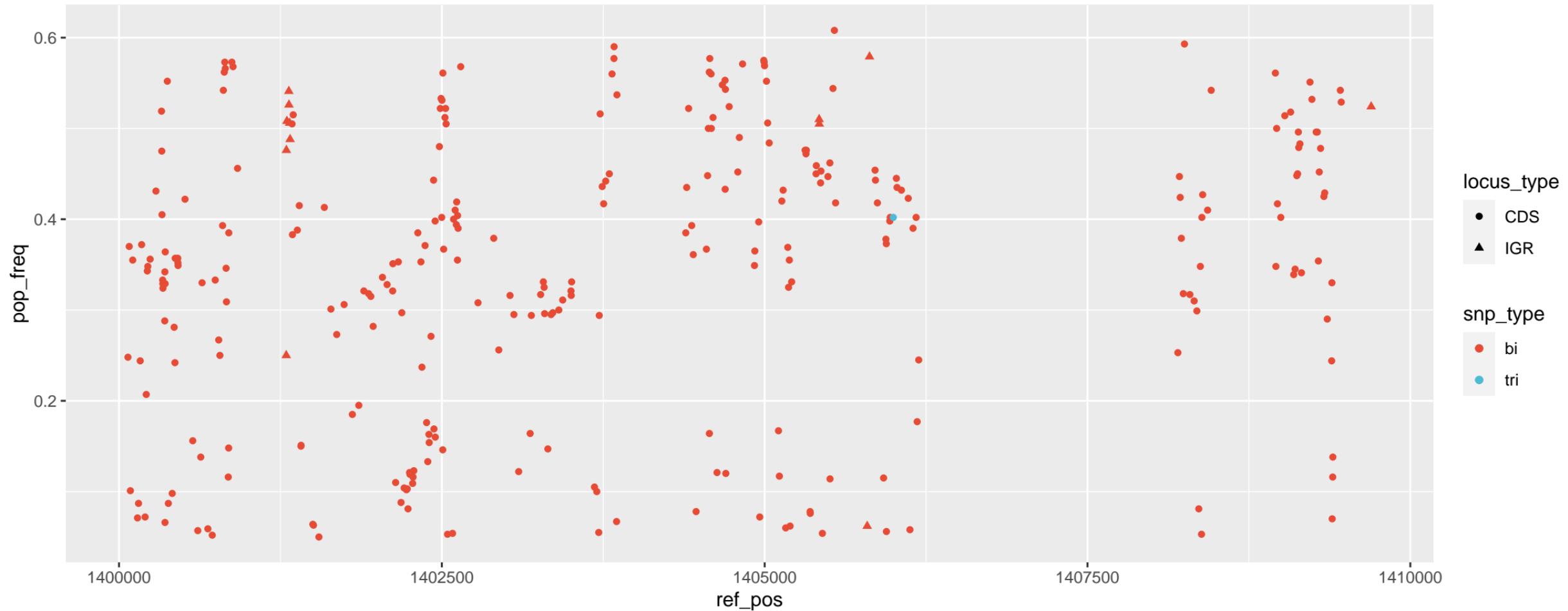
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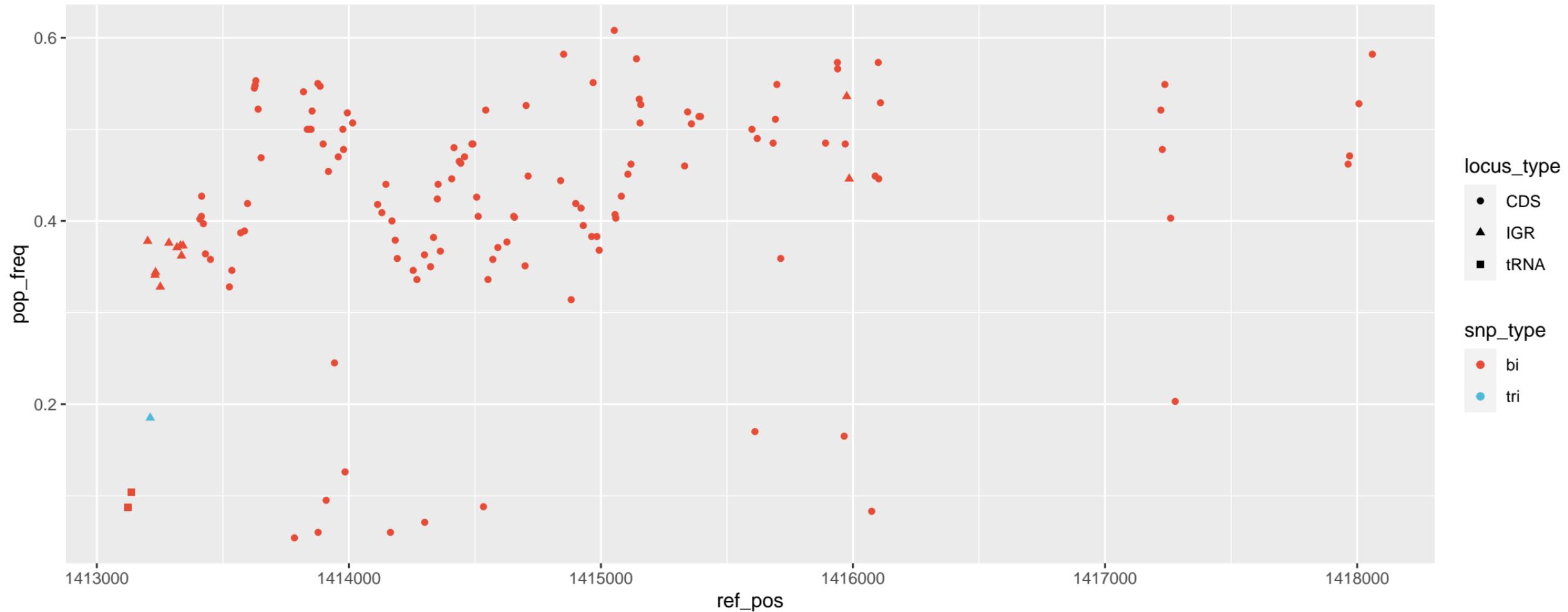
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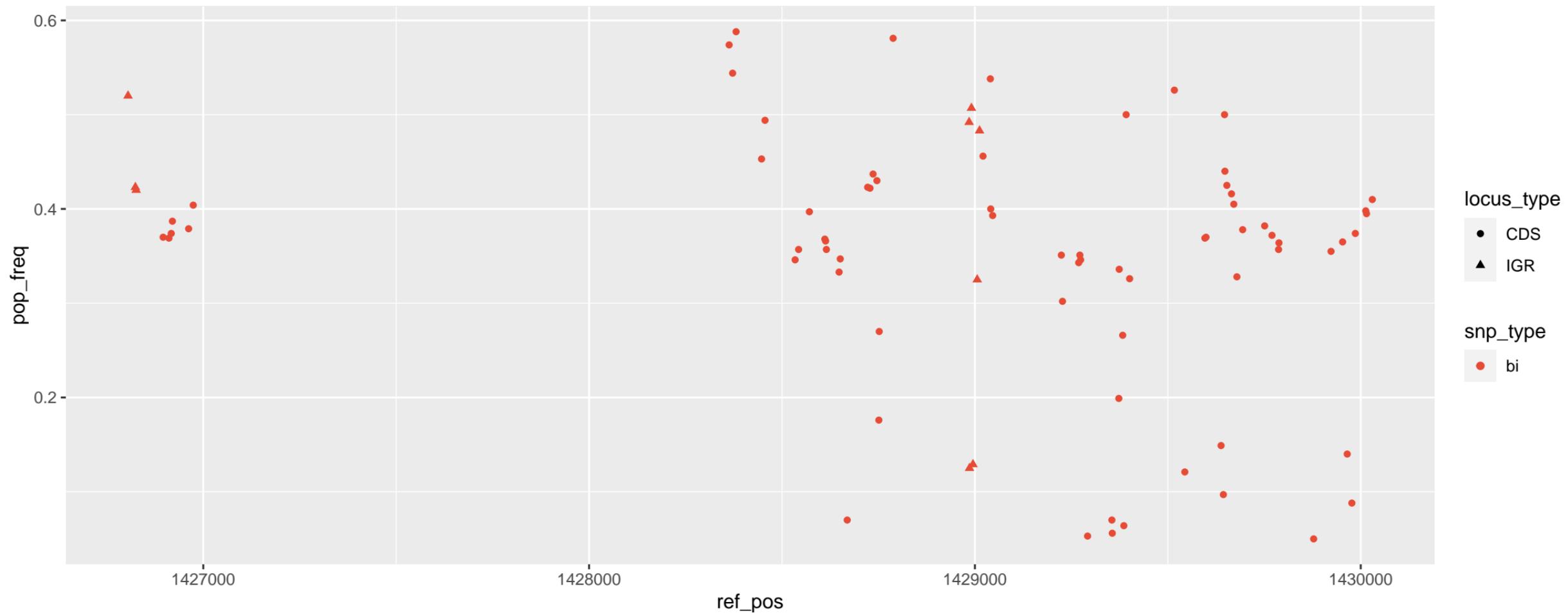
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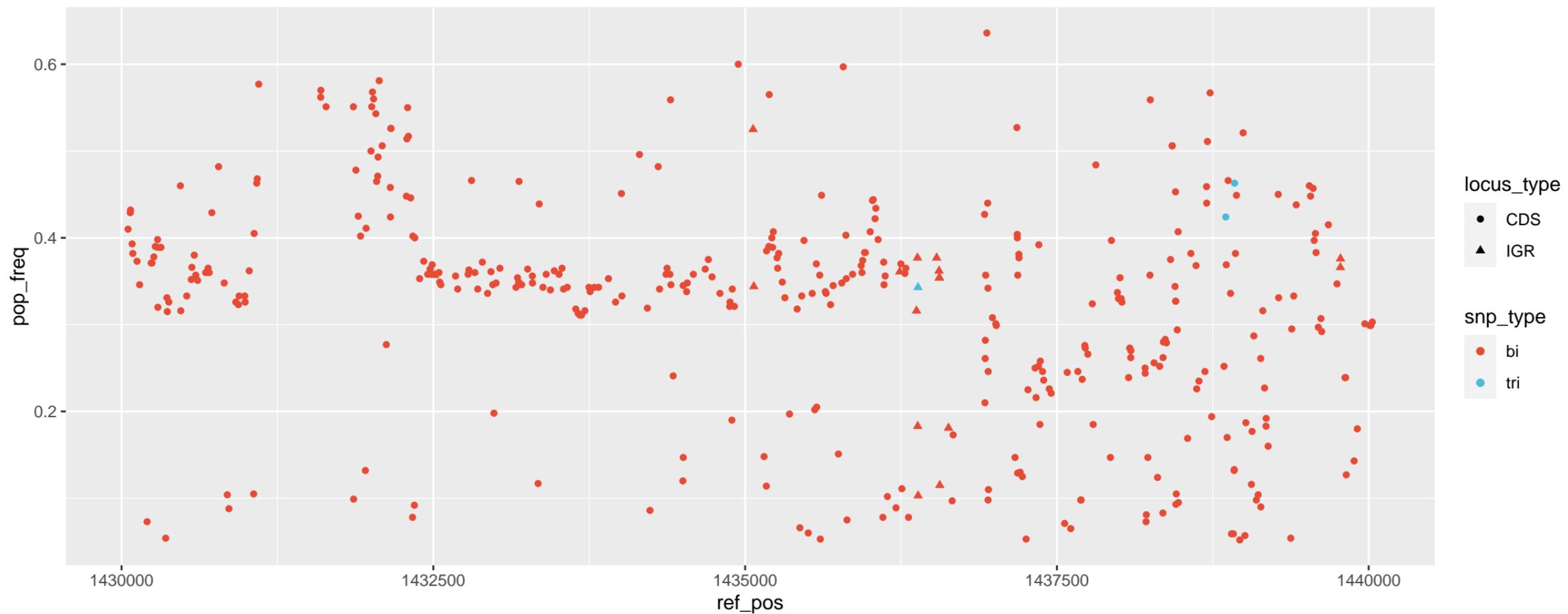
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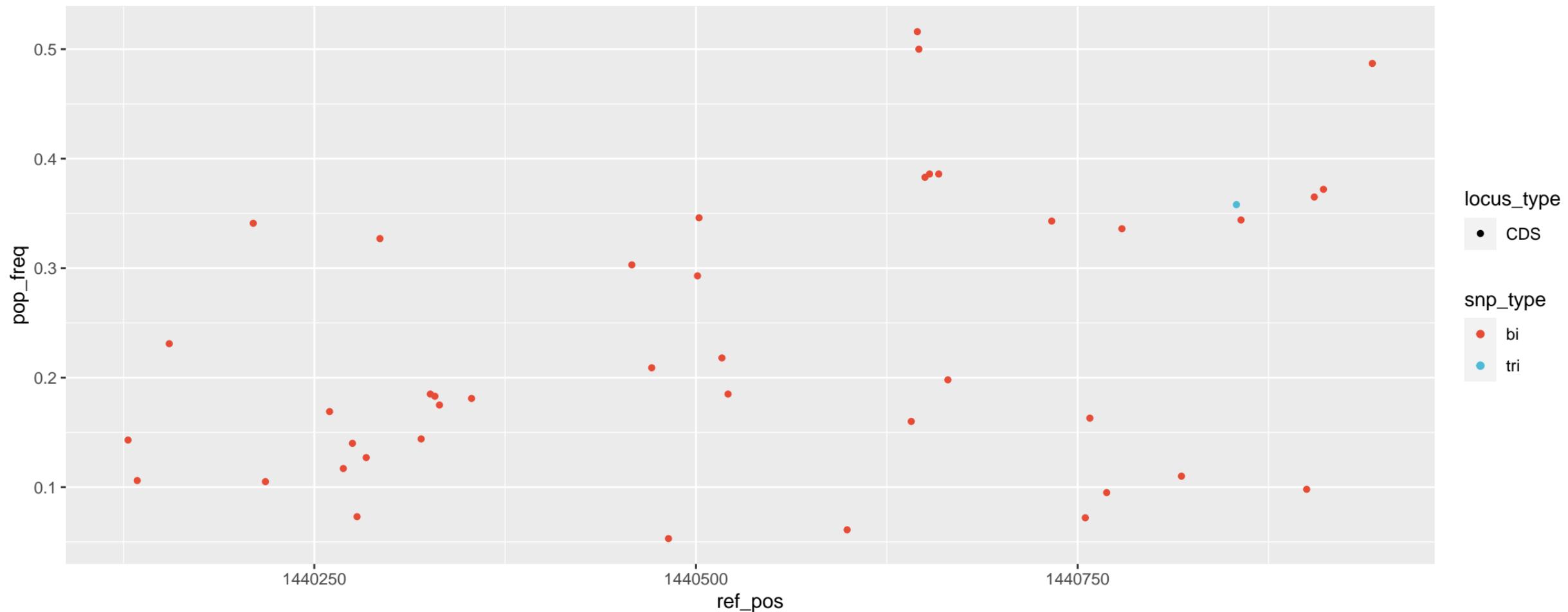
## UHGG143505\_1:1420052-1430052



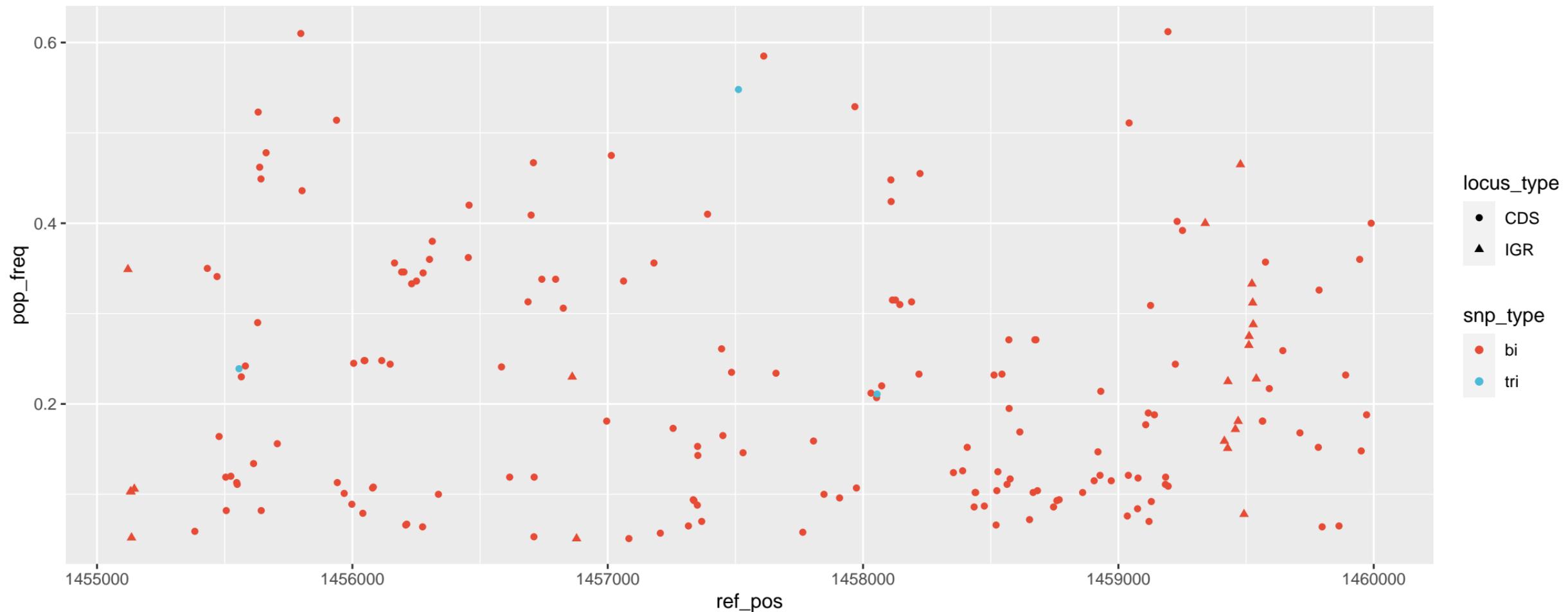
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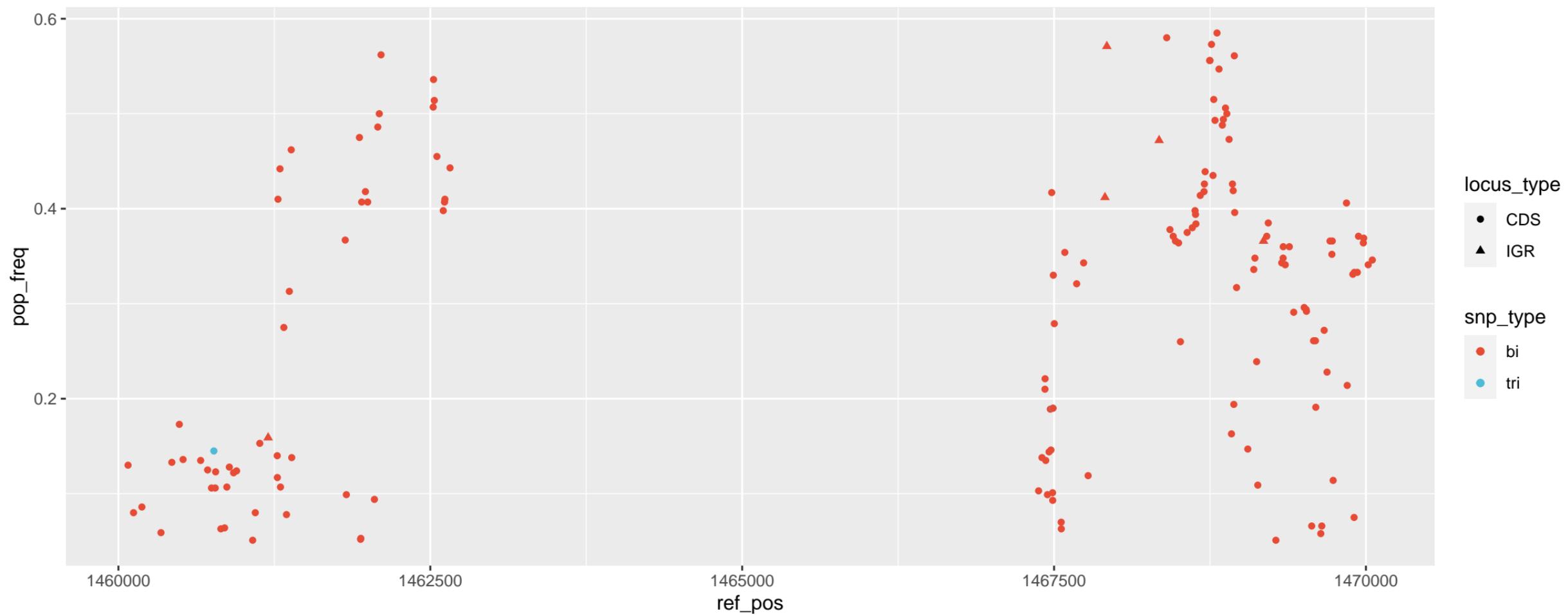
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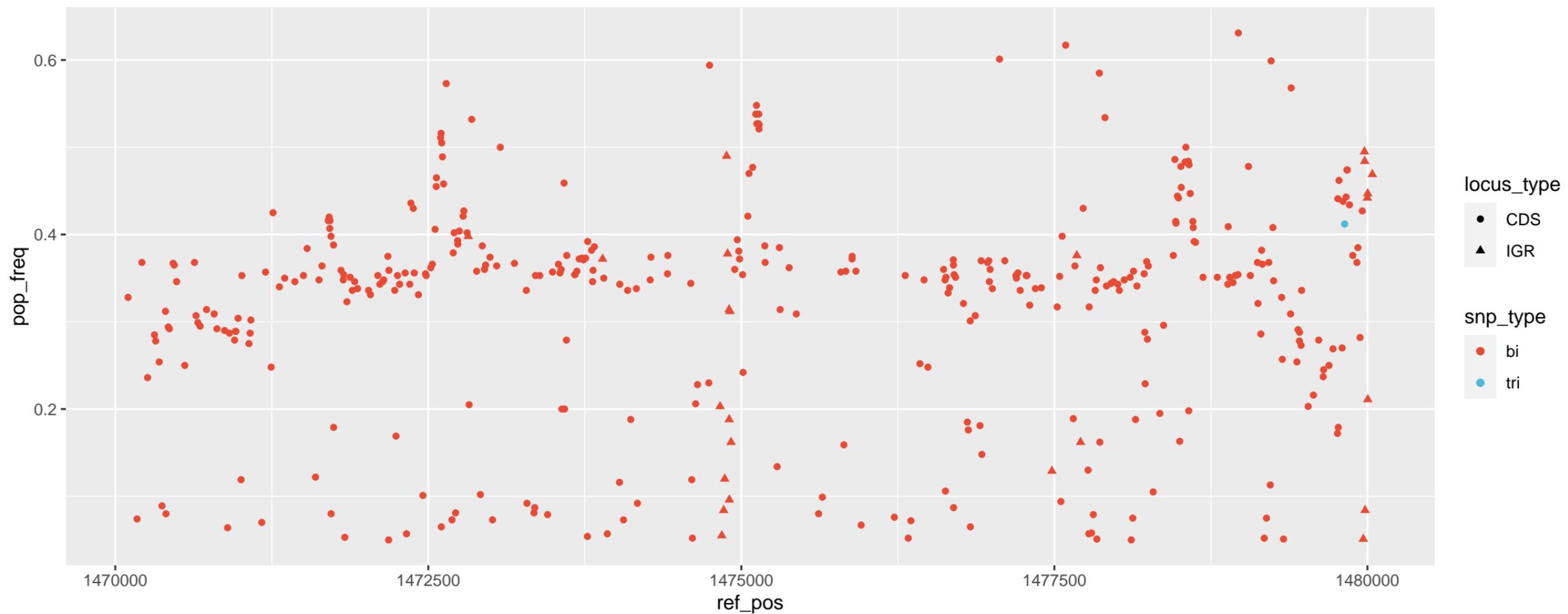
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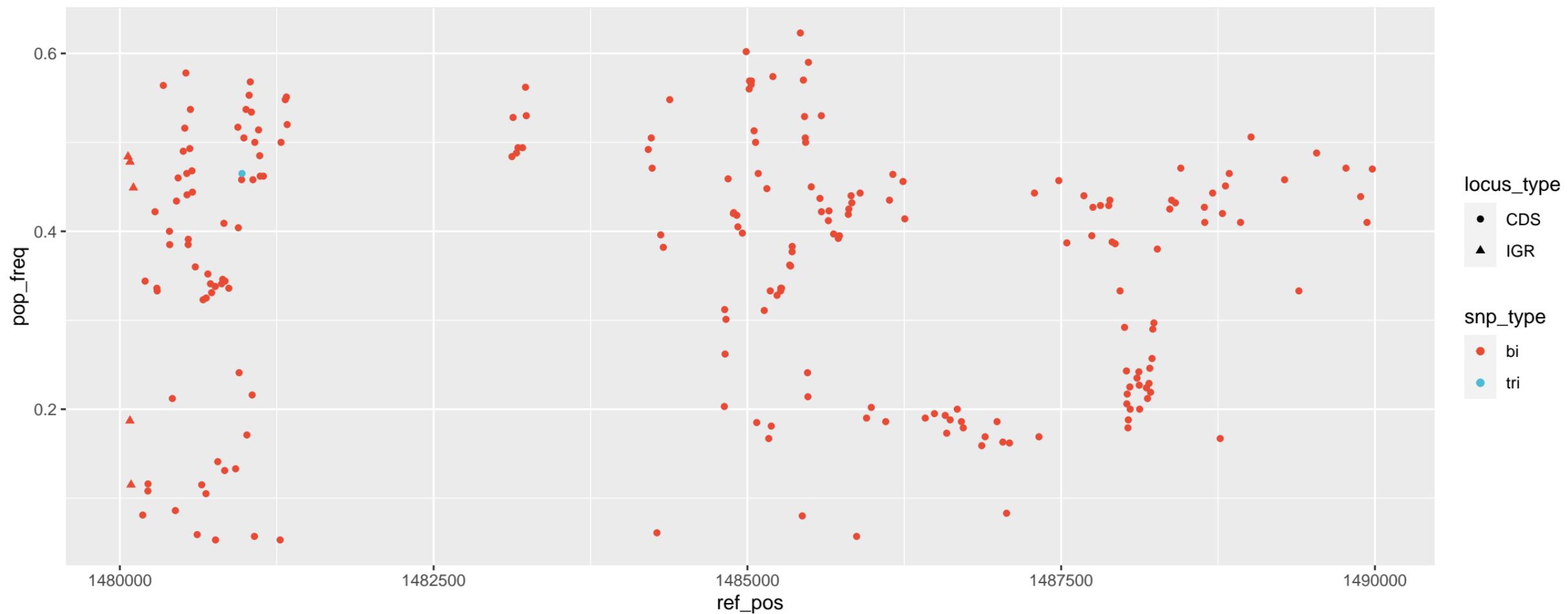
## UHGG143505\_1:1460052-1470052



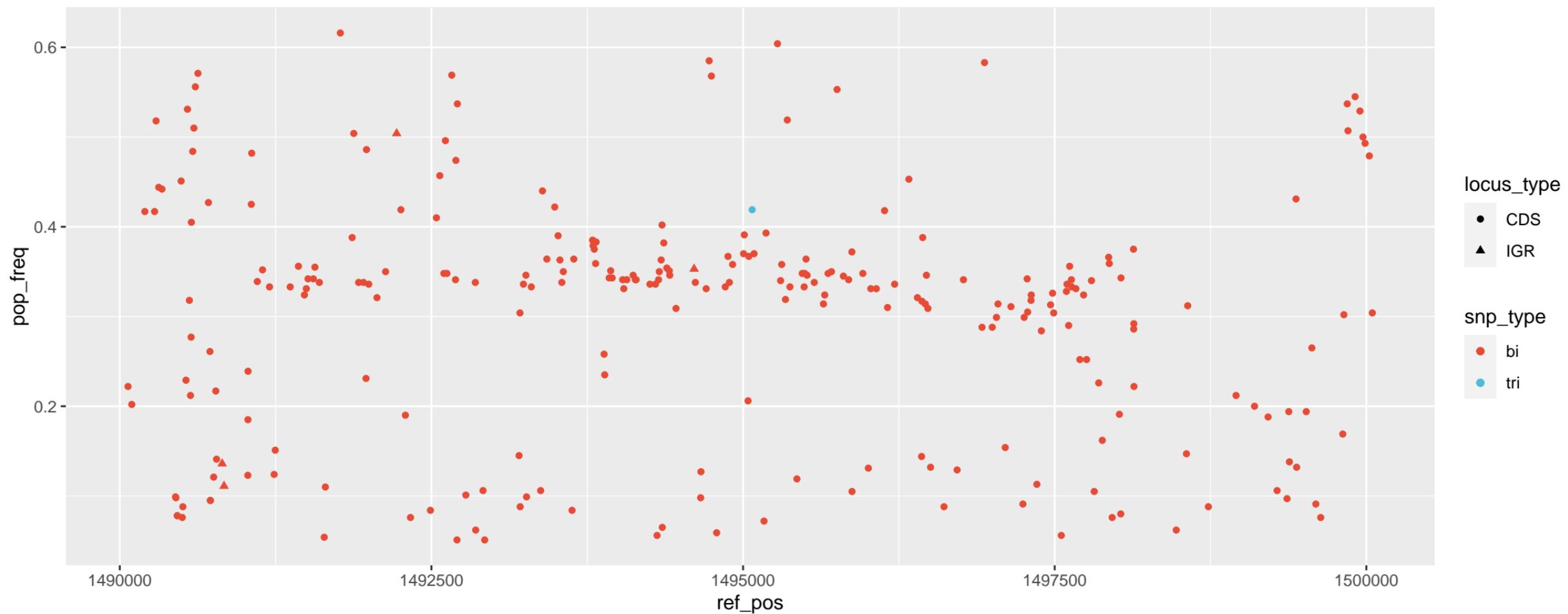
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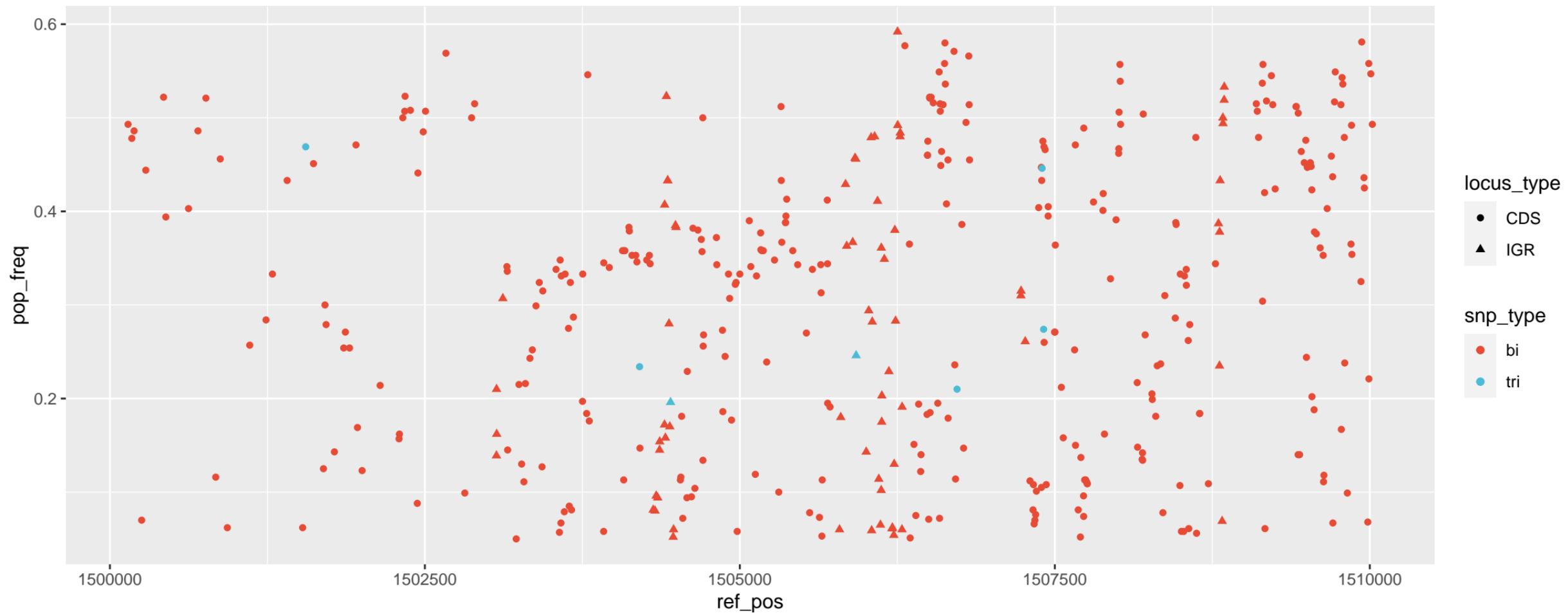
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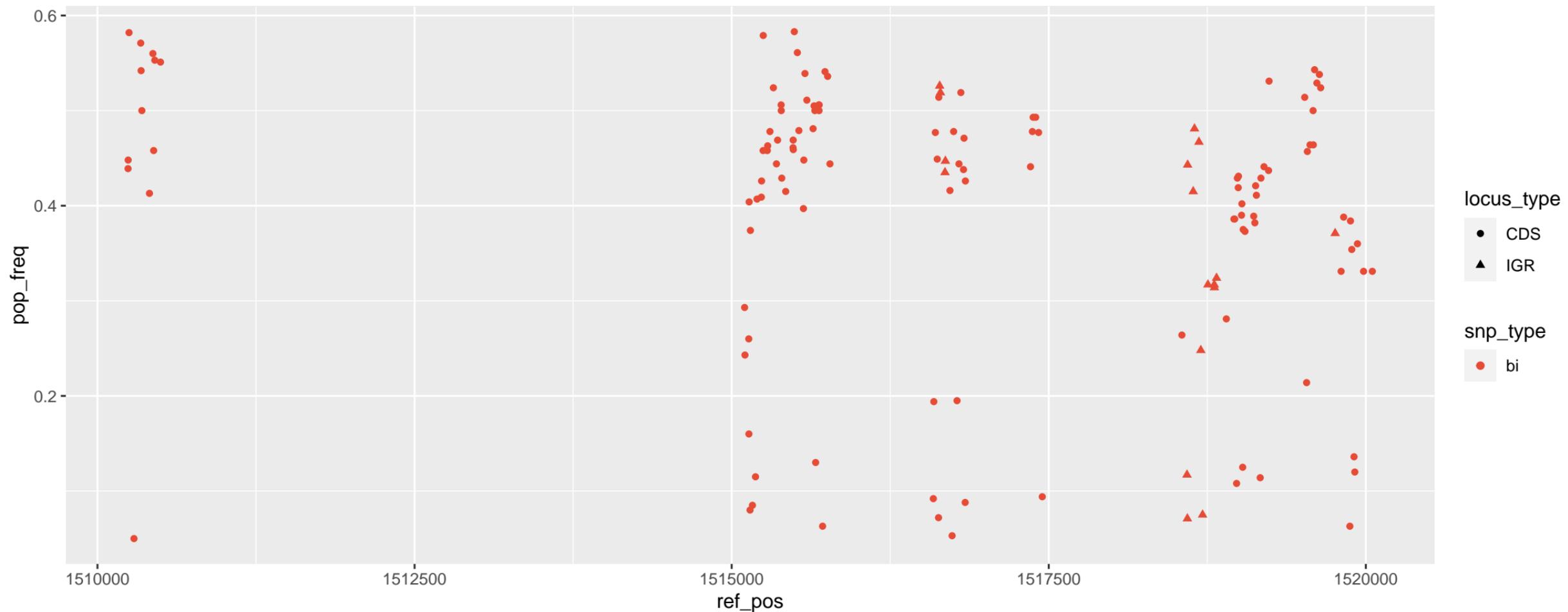
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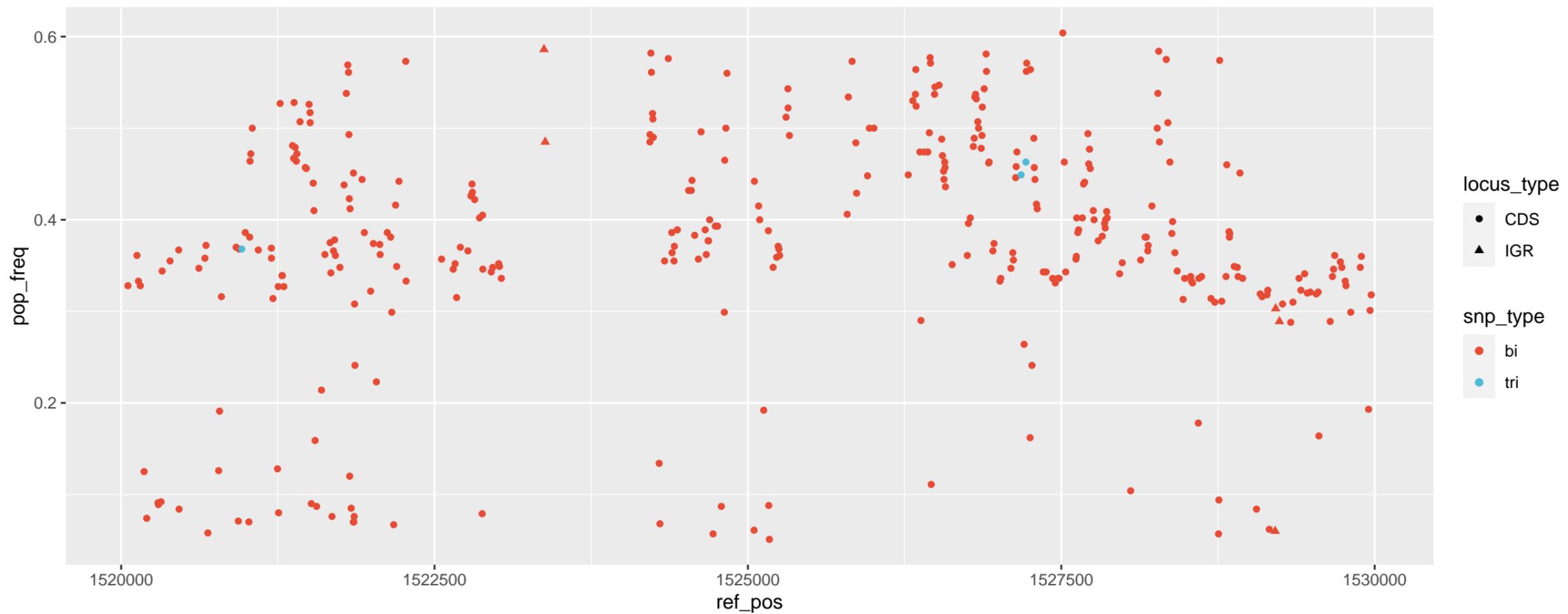
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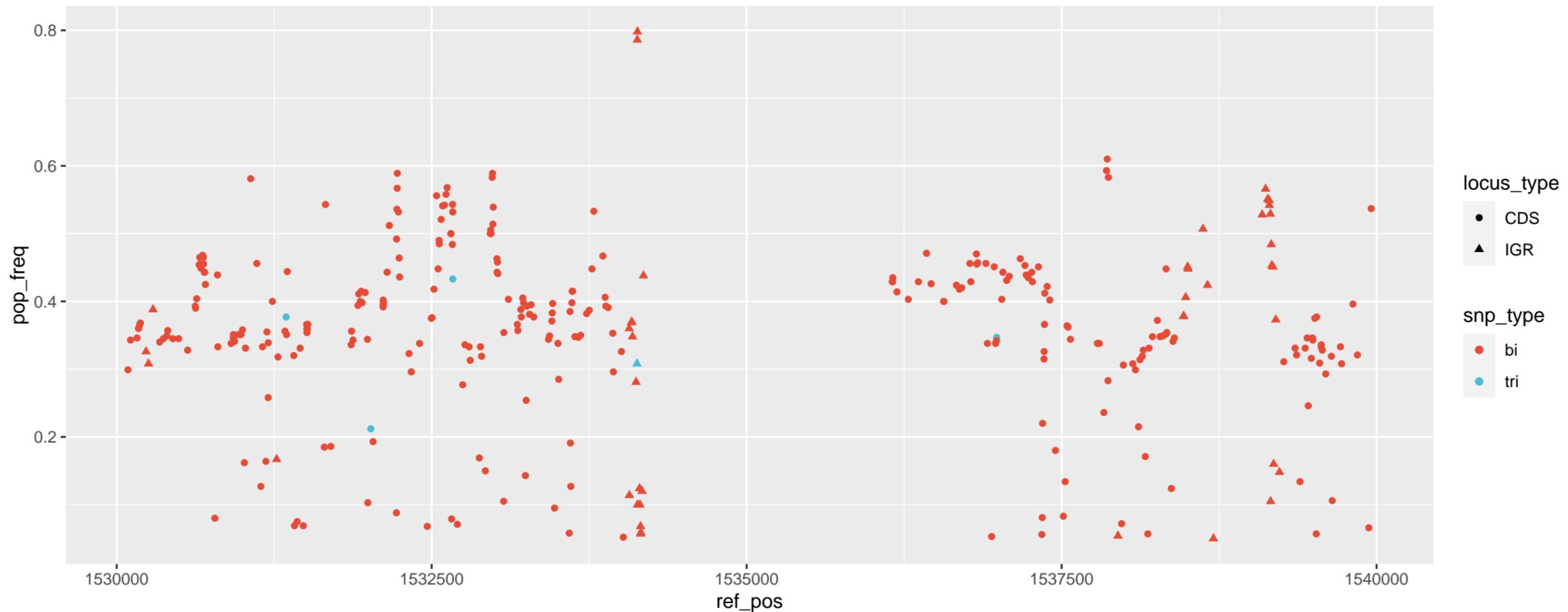
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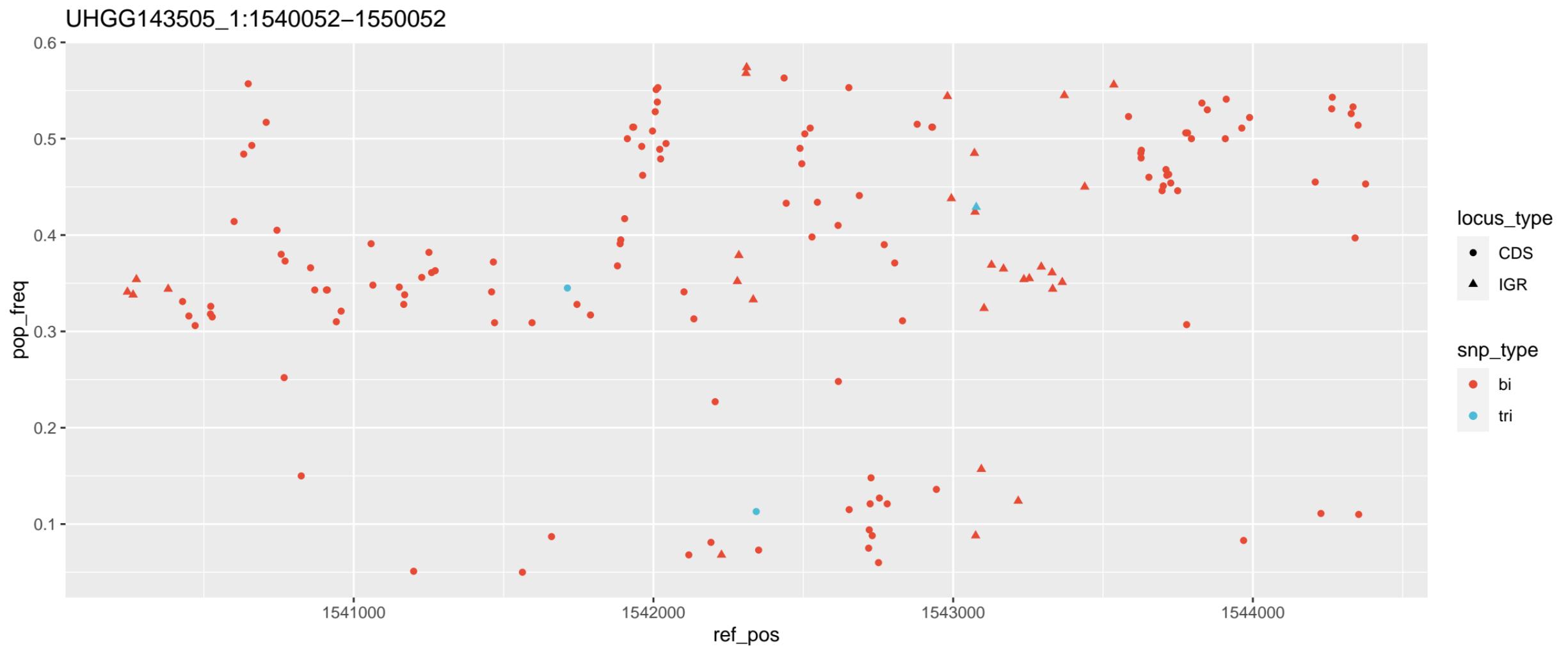


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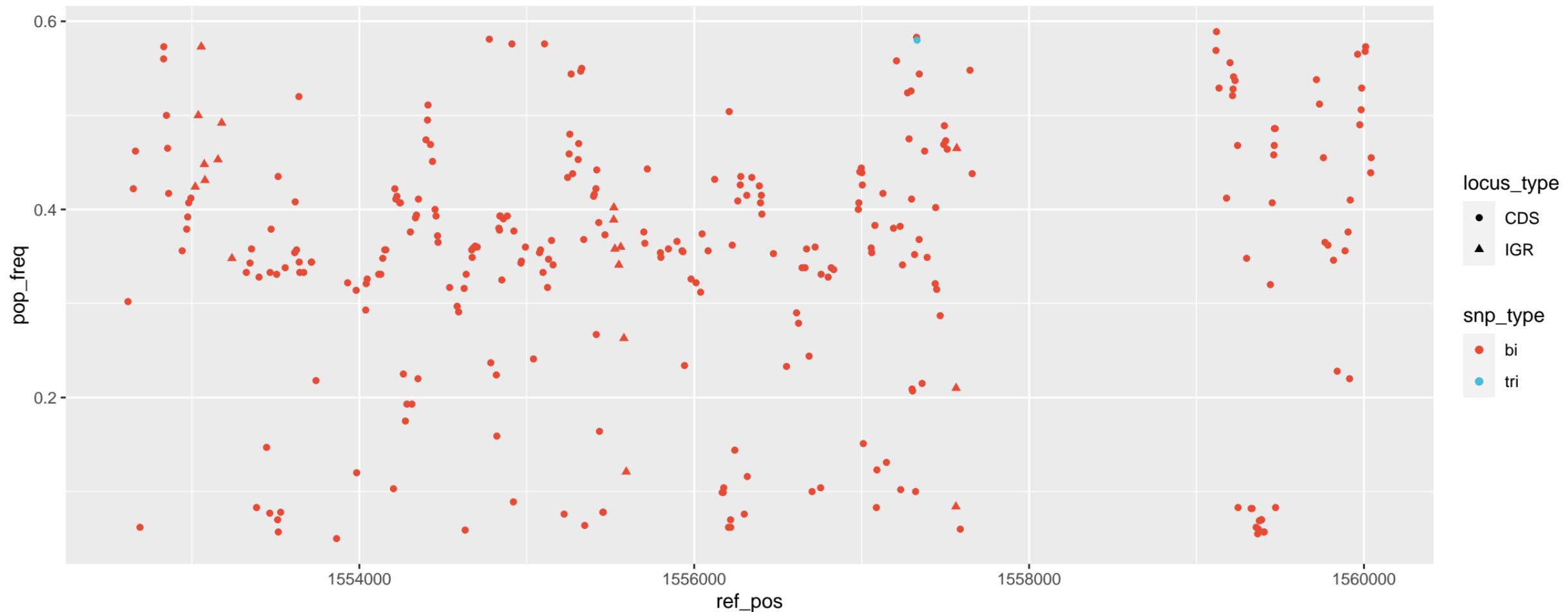


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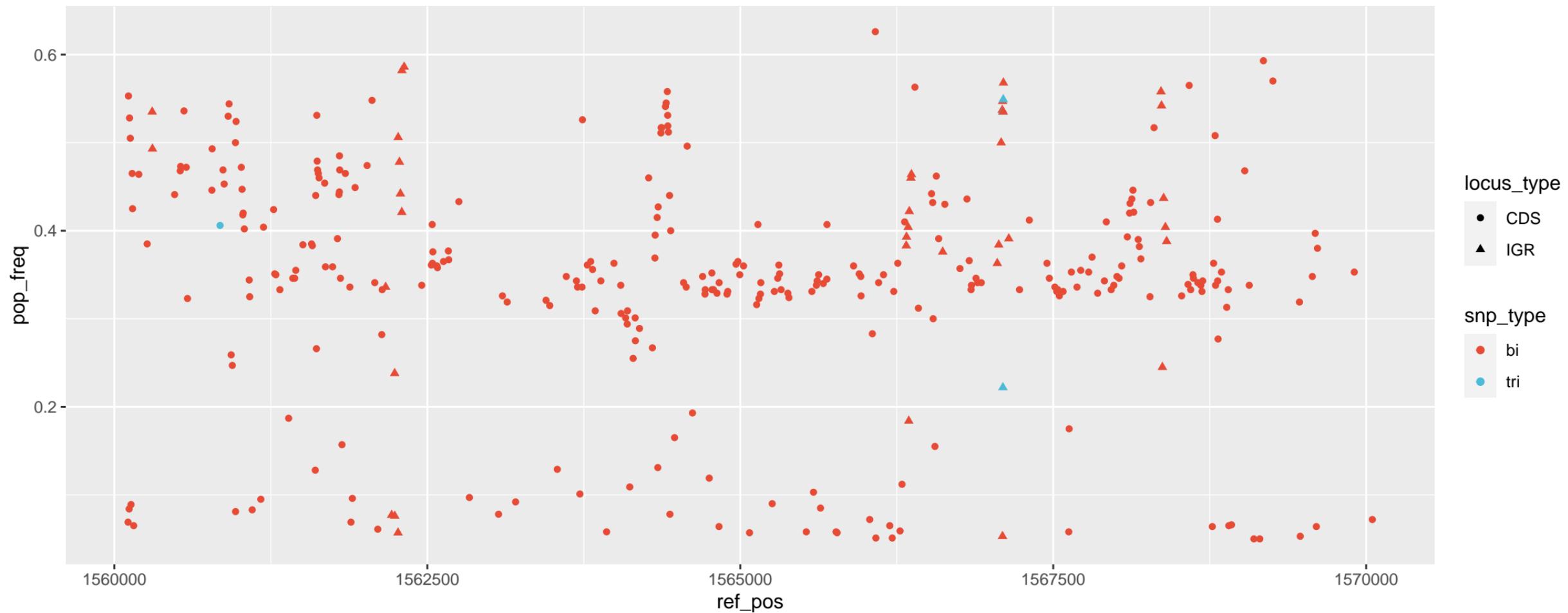




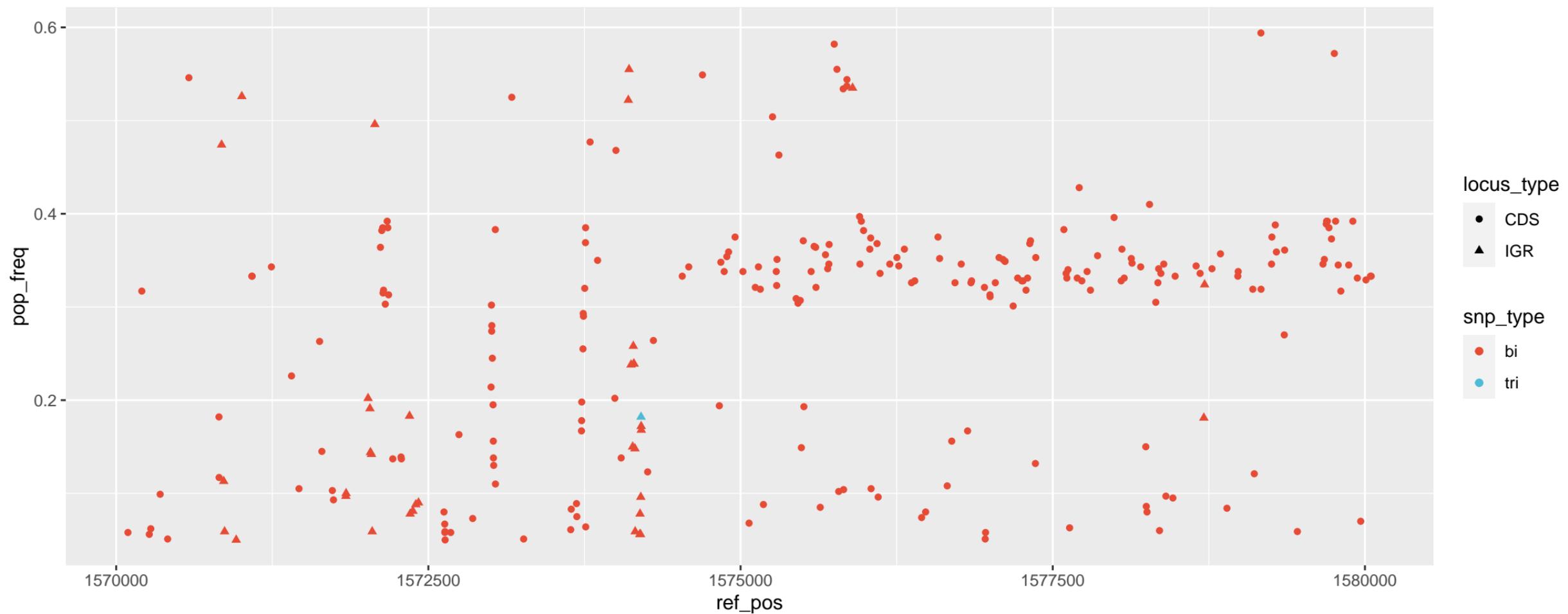
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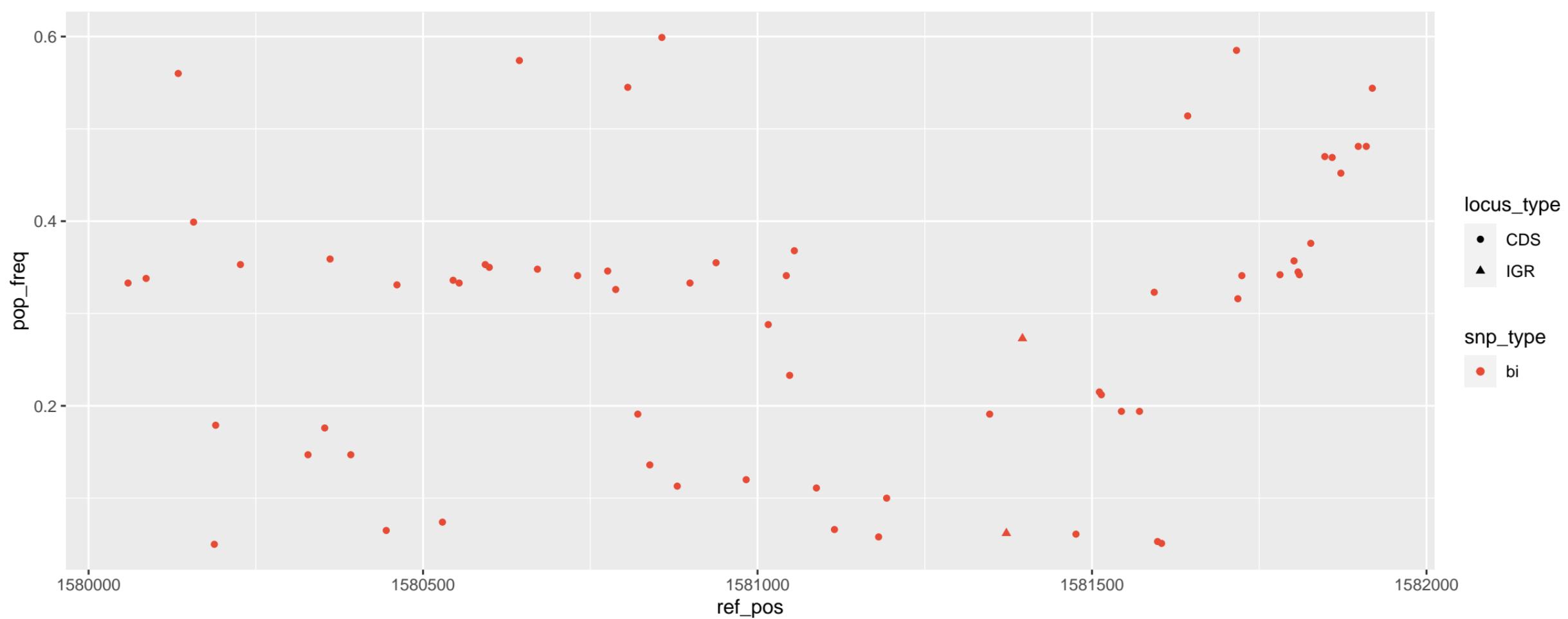
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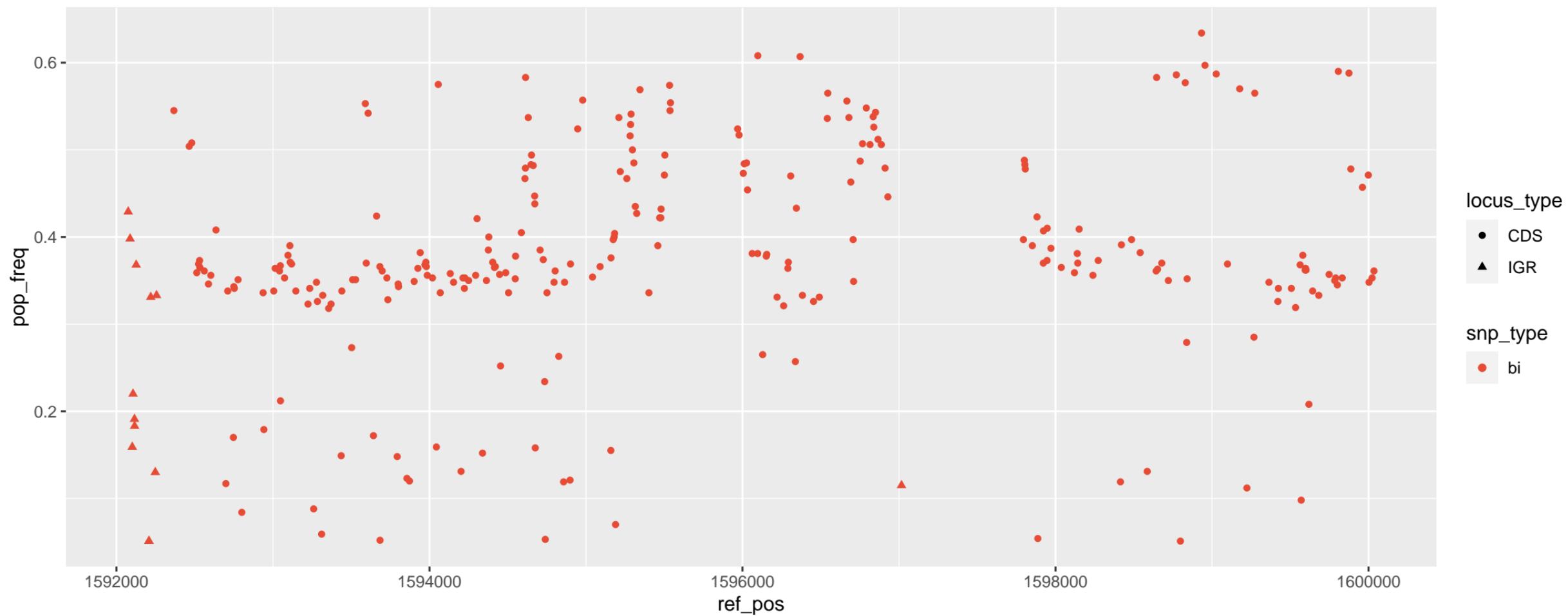
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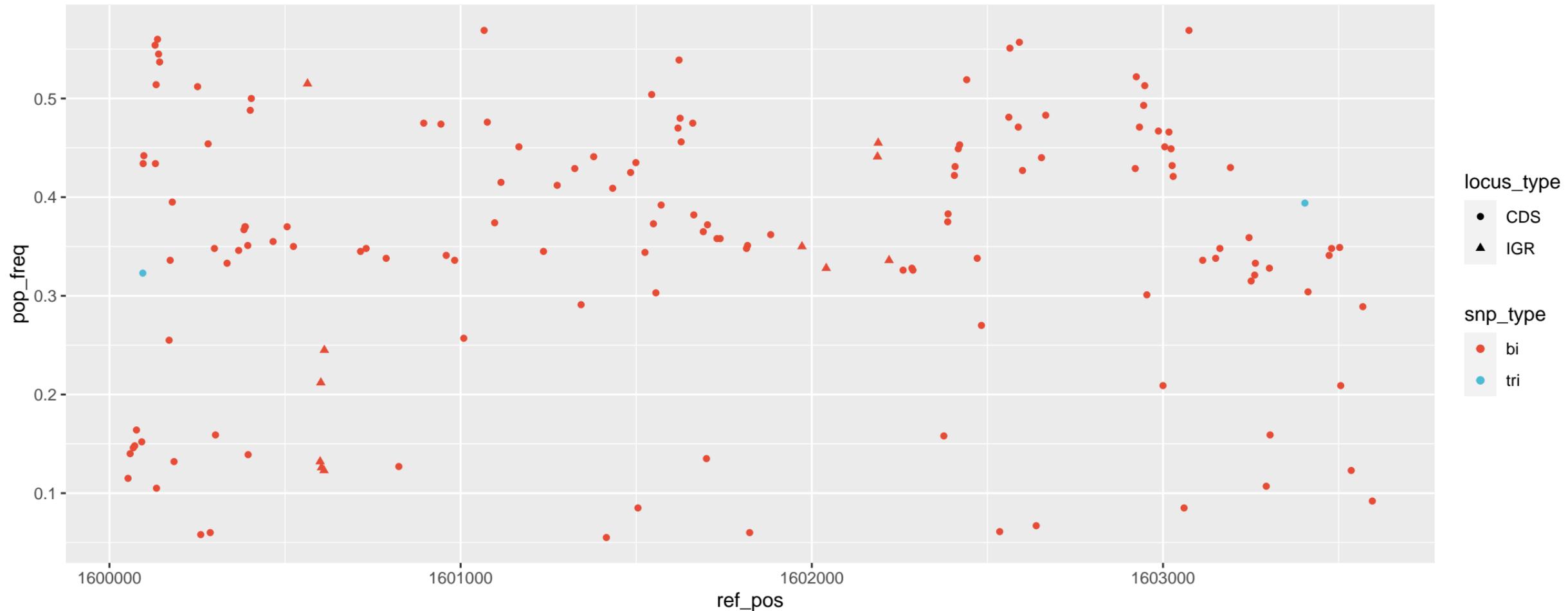
## UHGG143505\_1:1580052–1590052



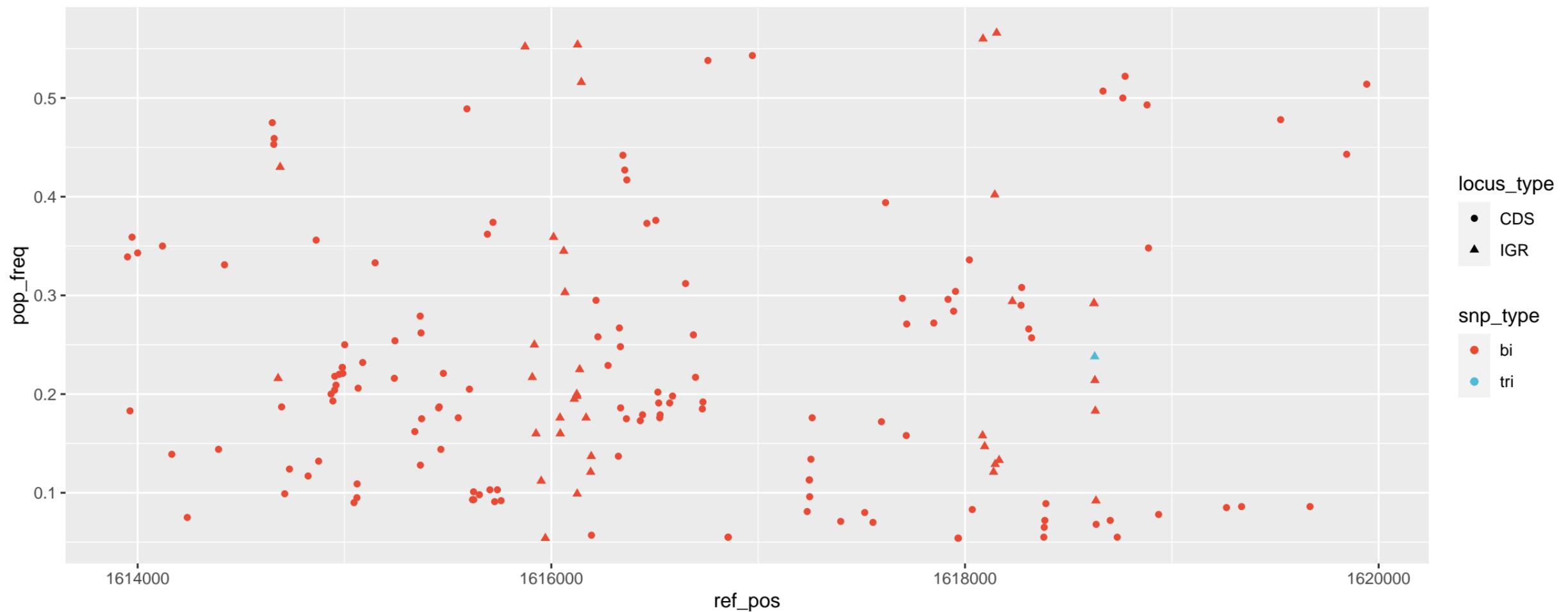
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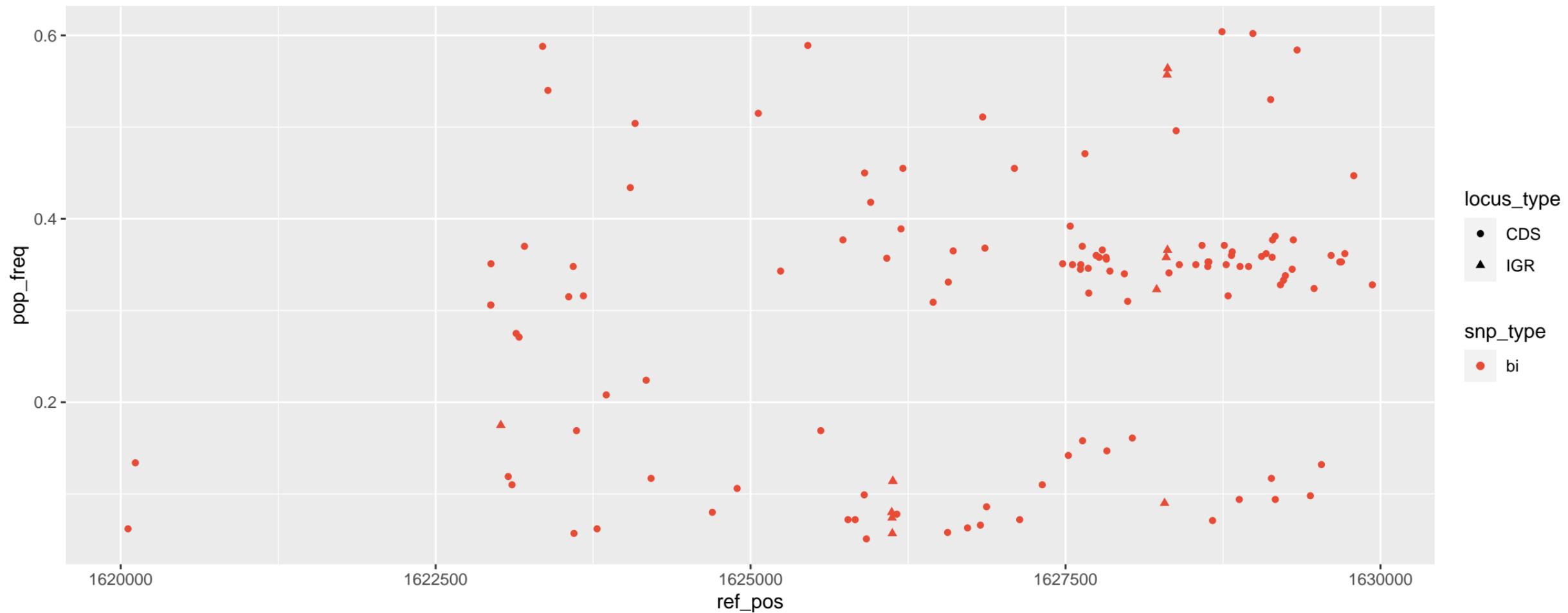
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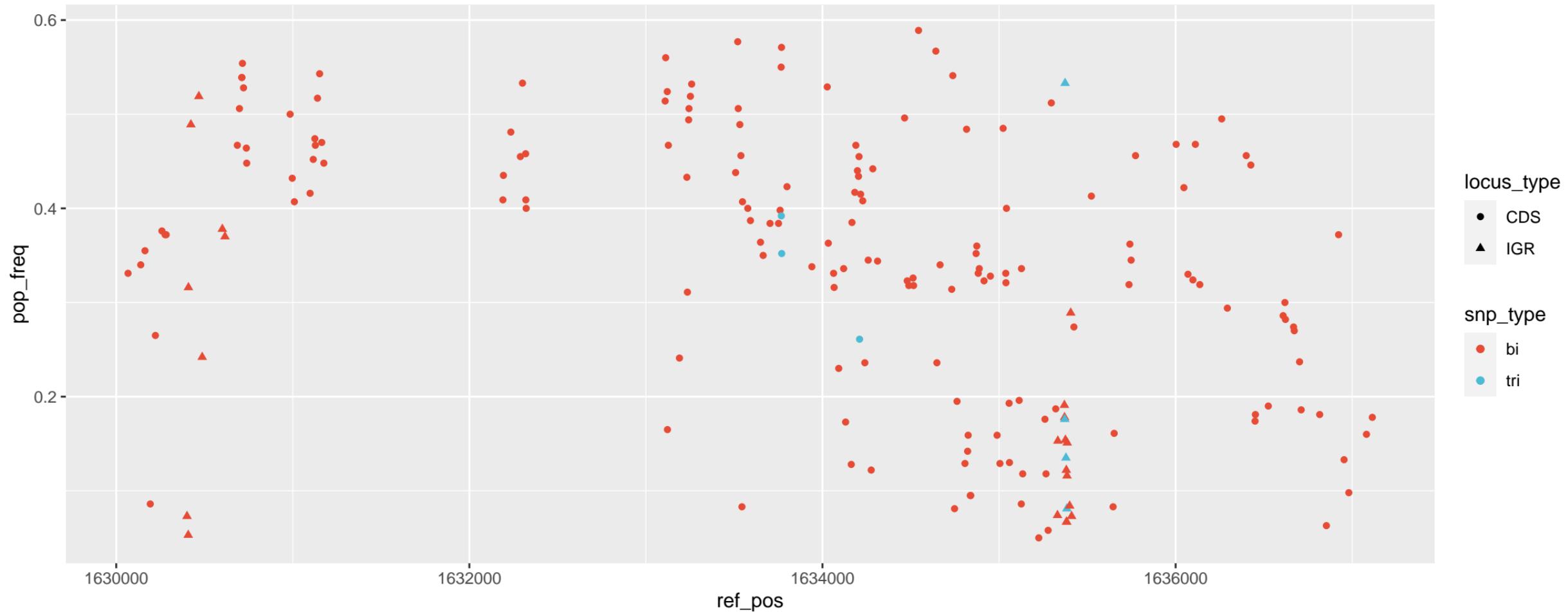
UHGG143505\_1:1610052–1620052



## UHGG143505\_1:1620052–1630052



## UHGG143505\_1:1630052–1640052



UHGG143505\_1:1640052–1650052

pop\_freq

ref\_pos

UHGG143505\_1:1650052–1660052

pop\_freq

ref\_pos

UHGG143505\_1:1660052–1670052

pop\_freq

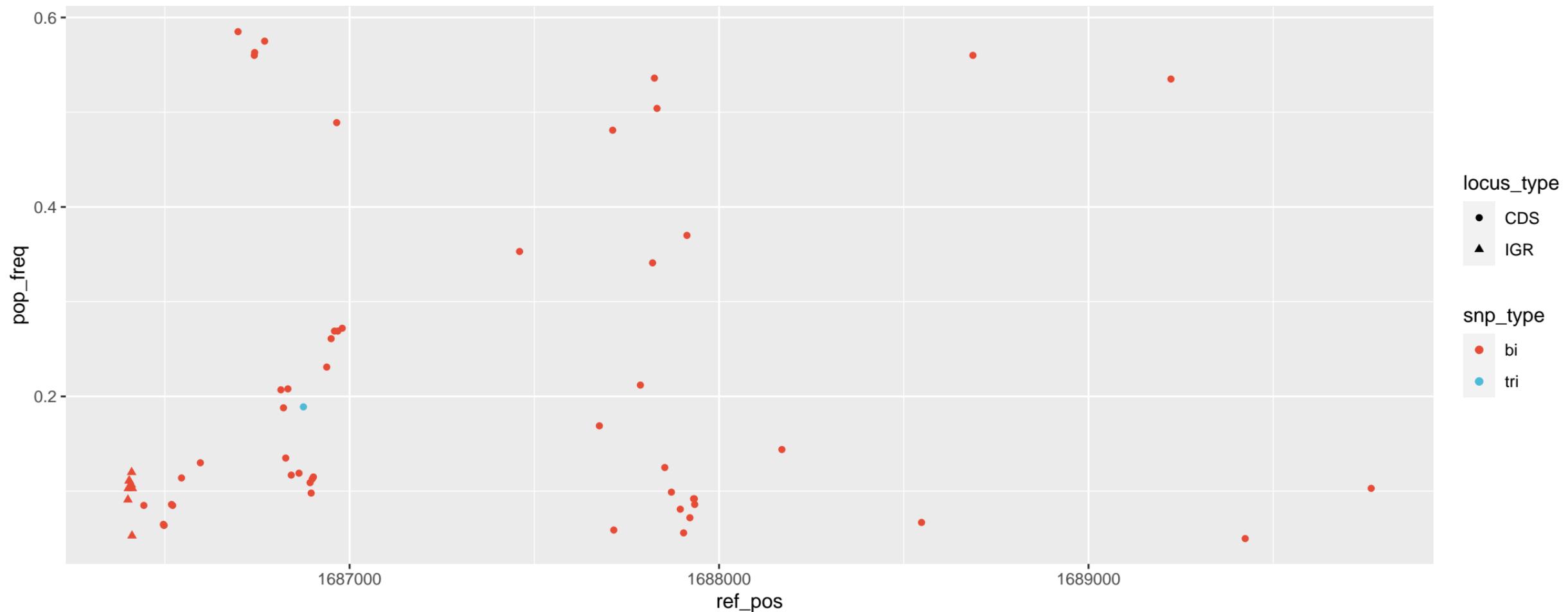
ref\_pos

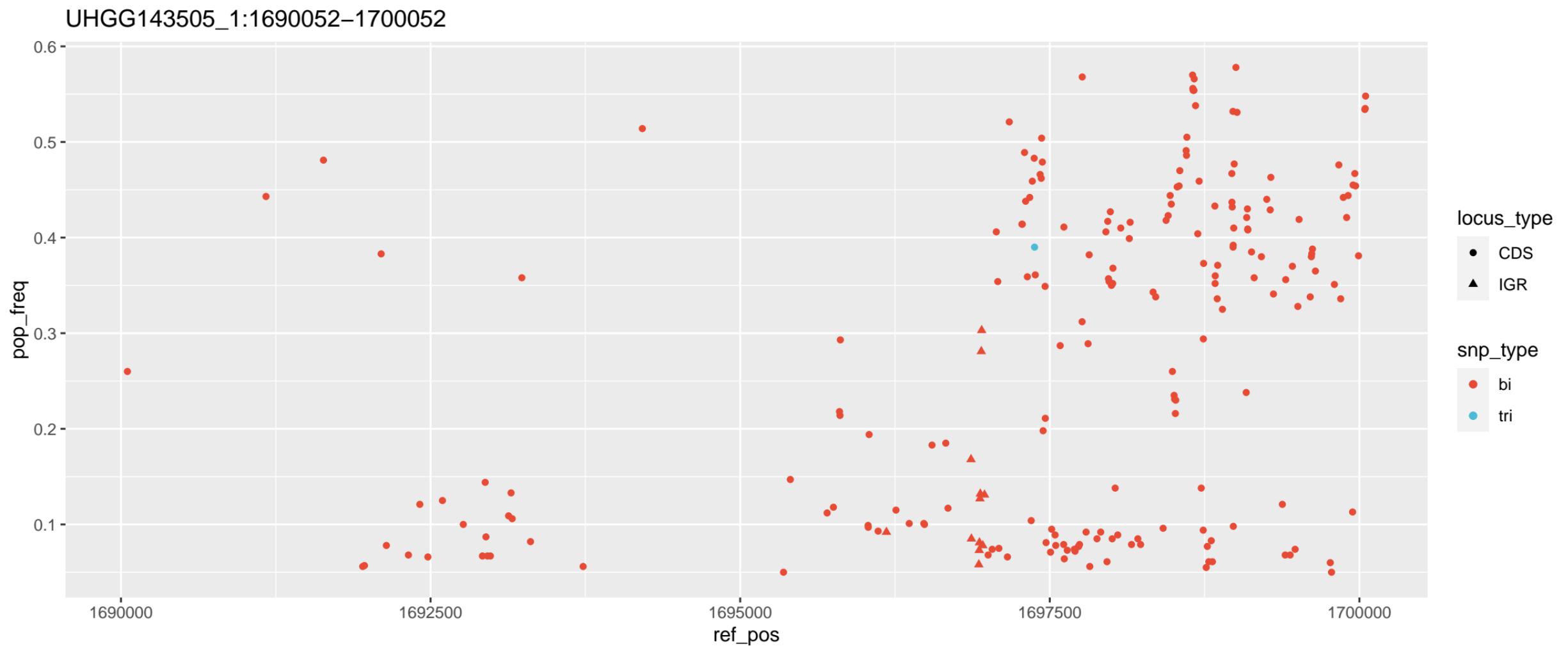
UHGG143505\_1:1670052–1680052

pop\_freq

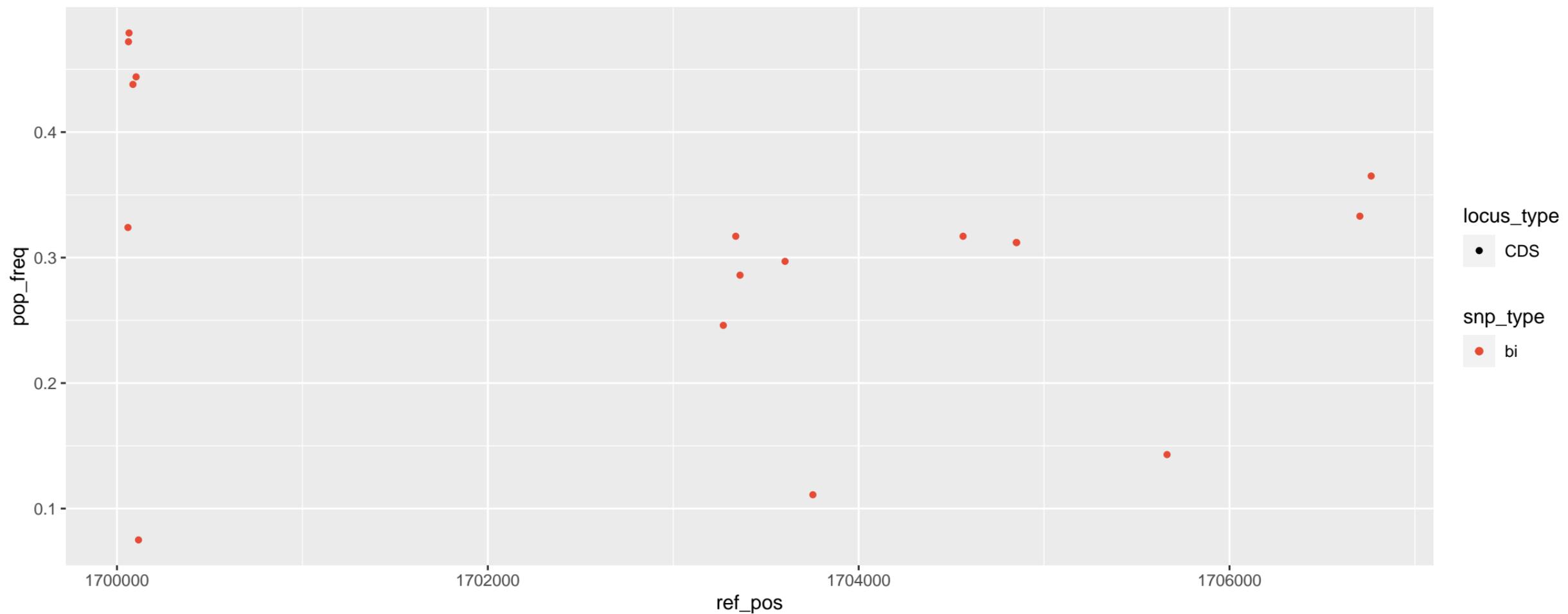
ref\_pos

## UHGG143505\_1:1680052–1690052

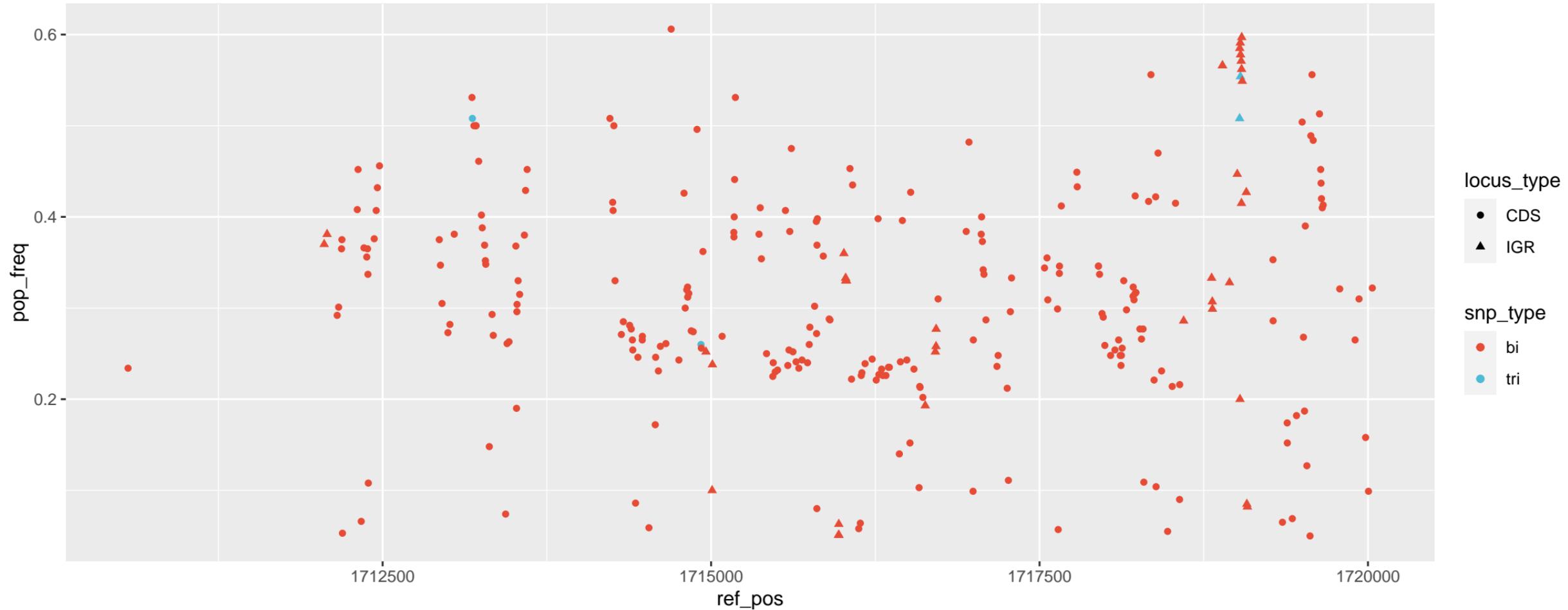




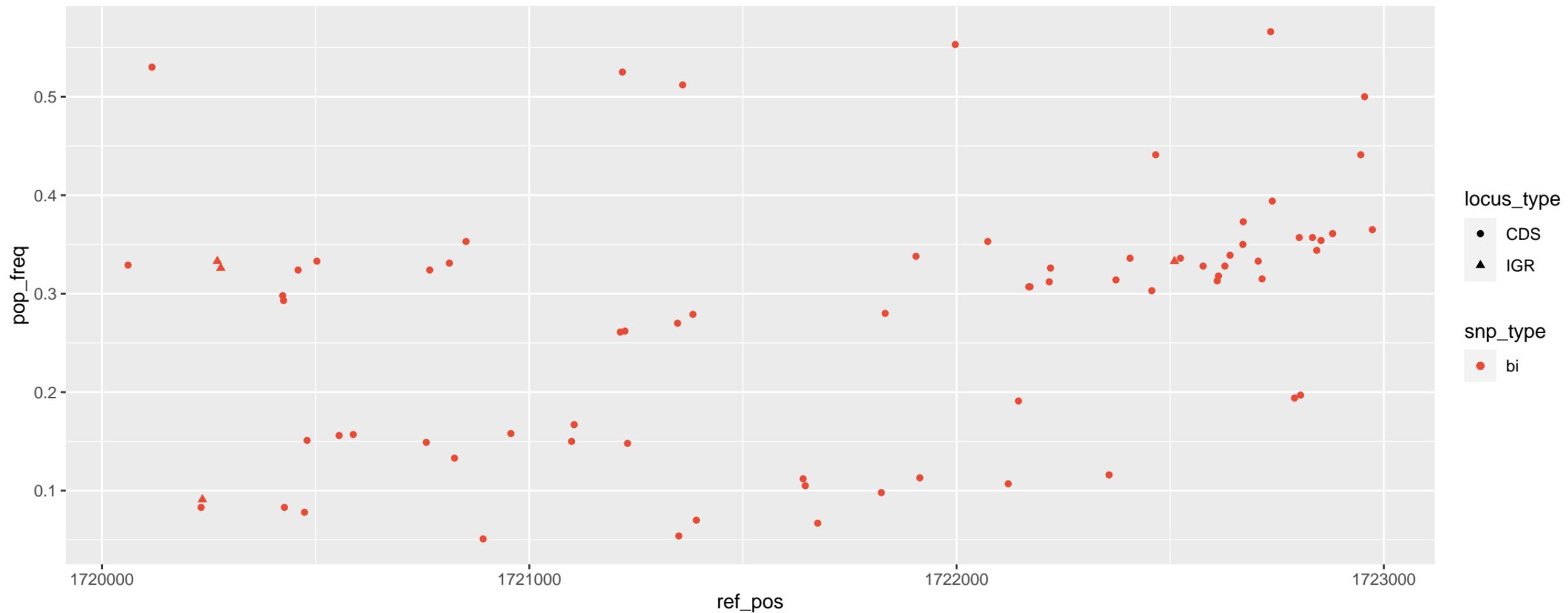
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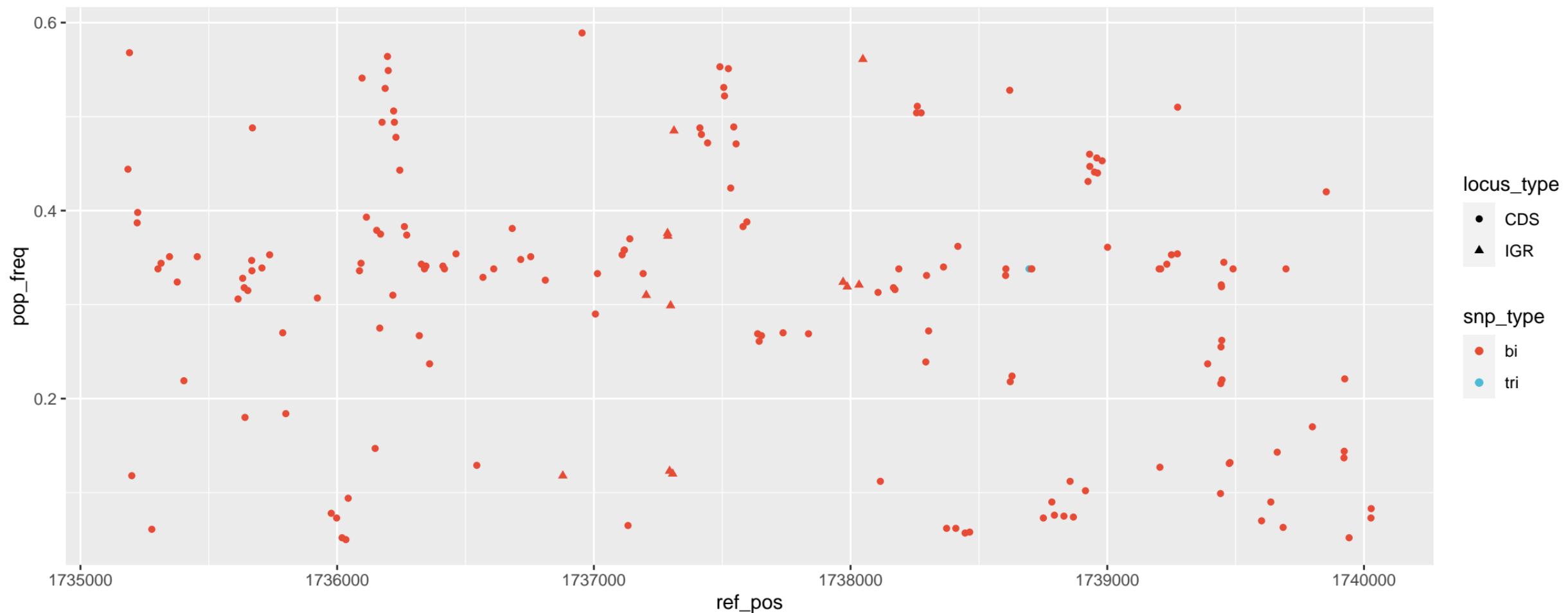
## UHGG143505\_1:1710052–1720052



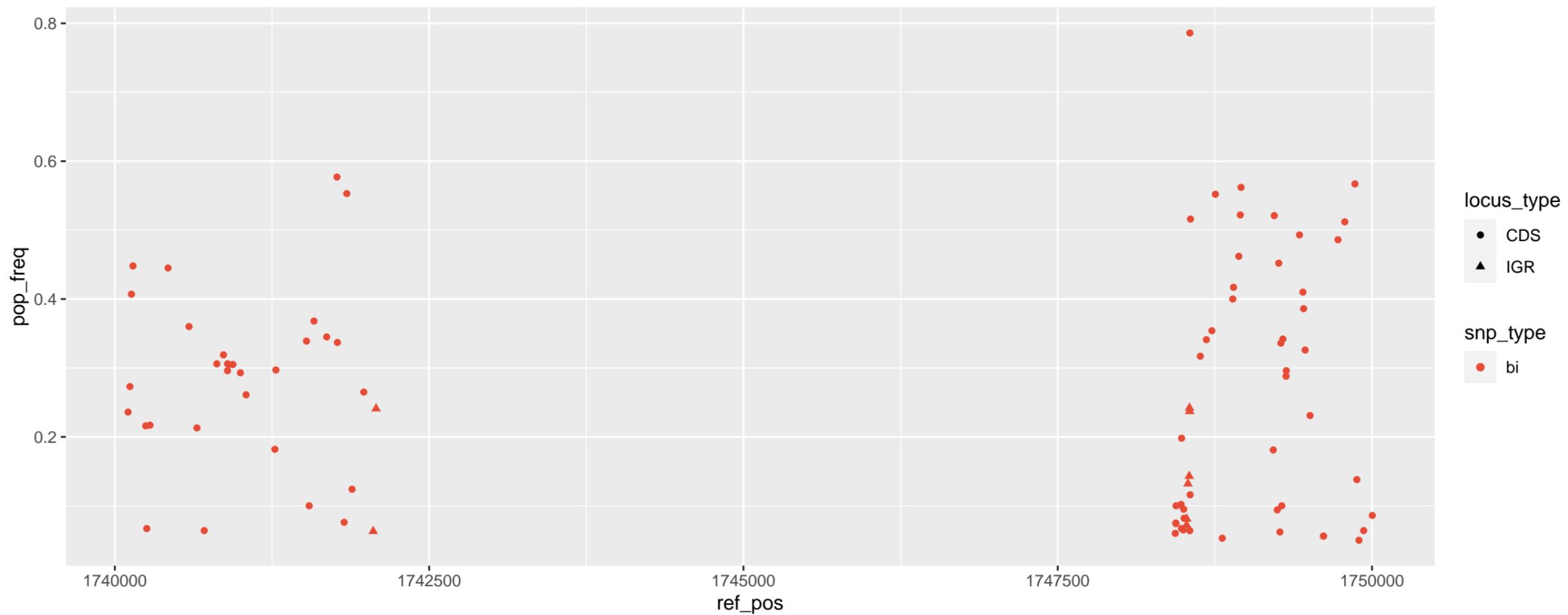
## UHGG143505\_1:1720052–1730052



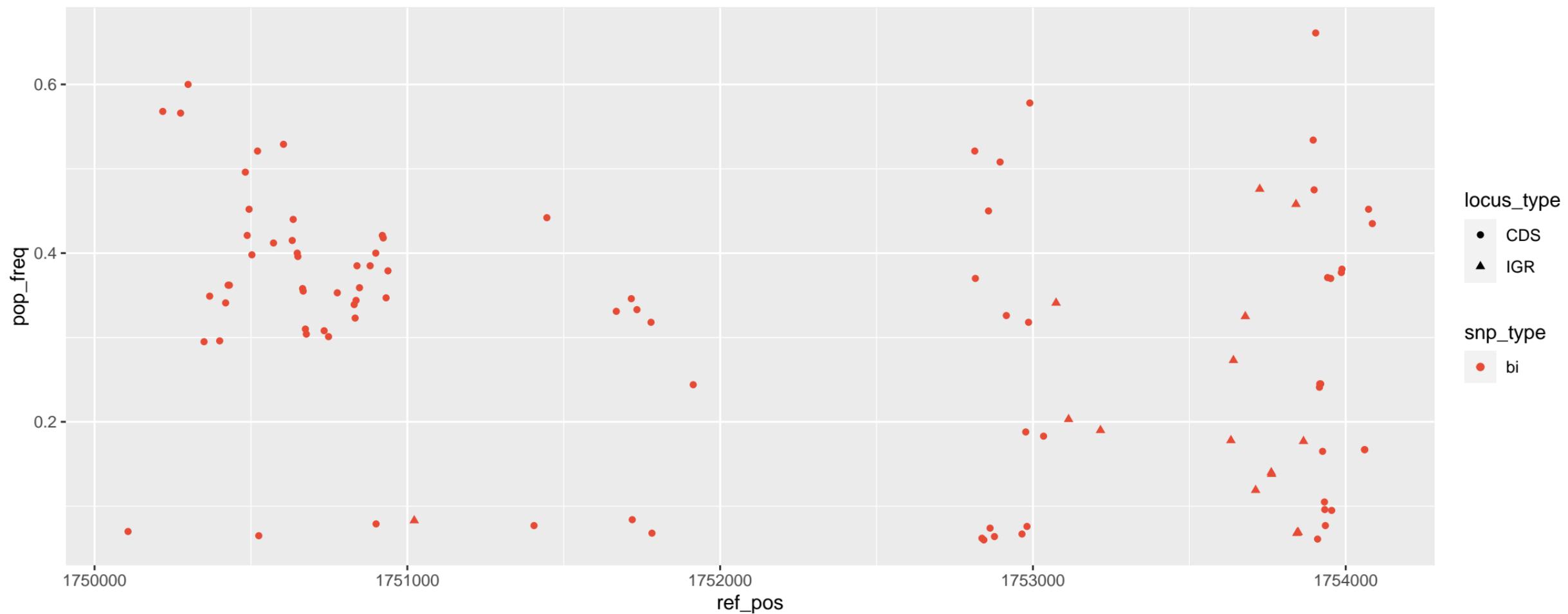
## UHGG143505\_1:1730052-1740052



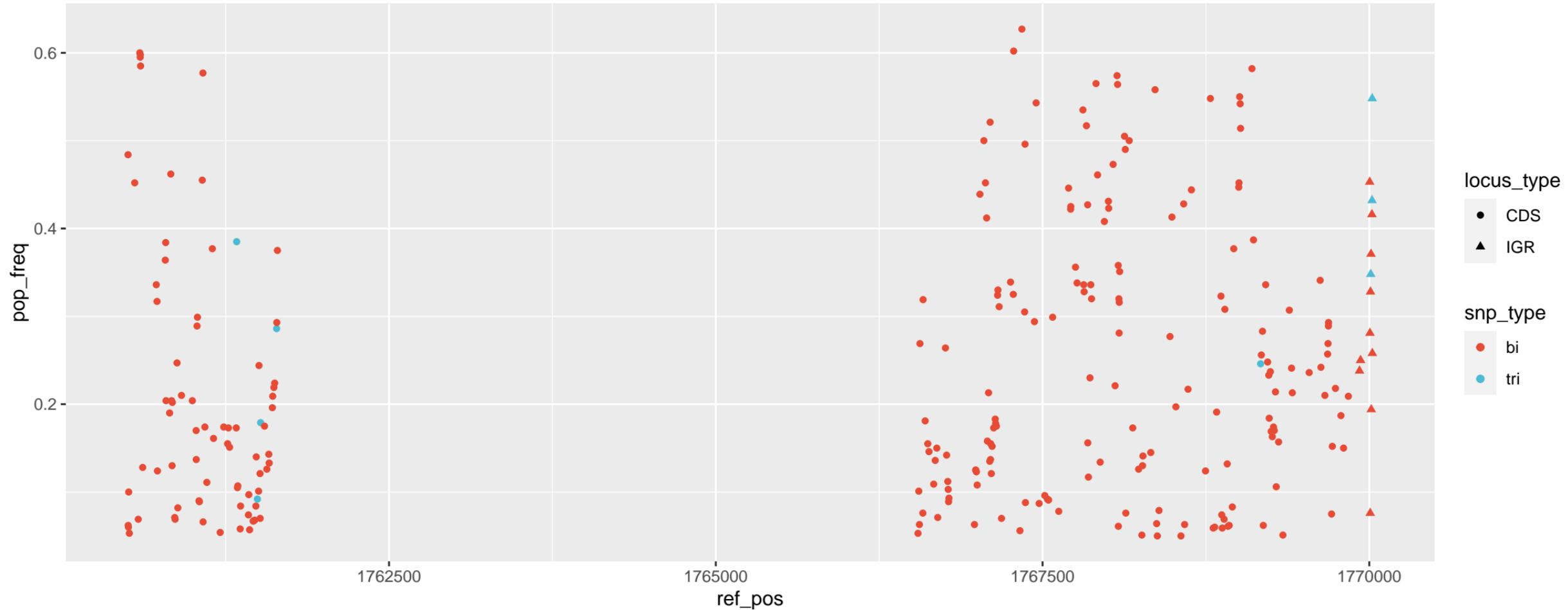
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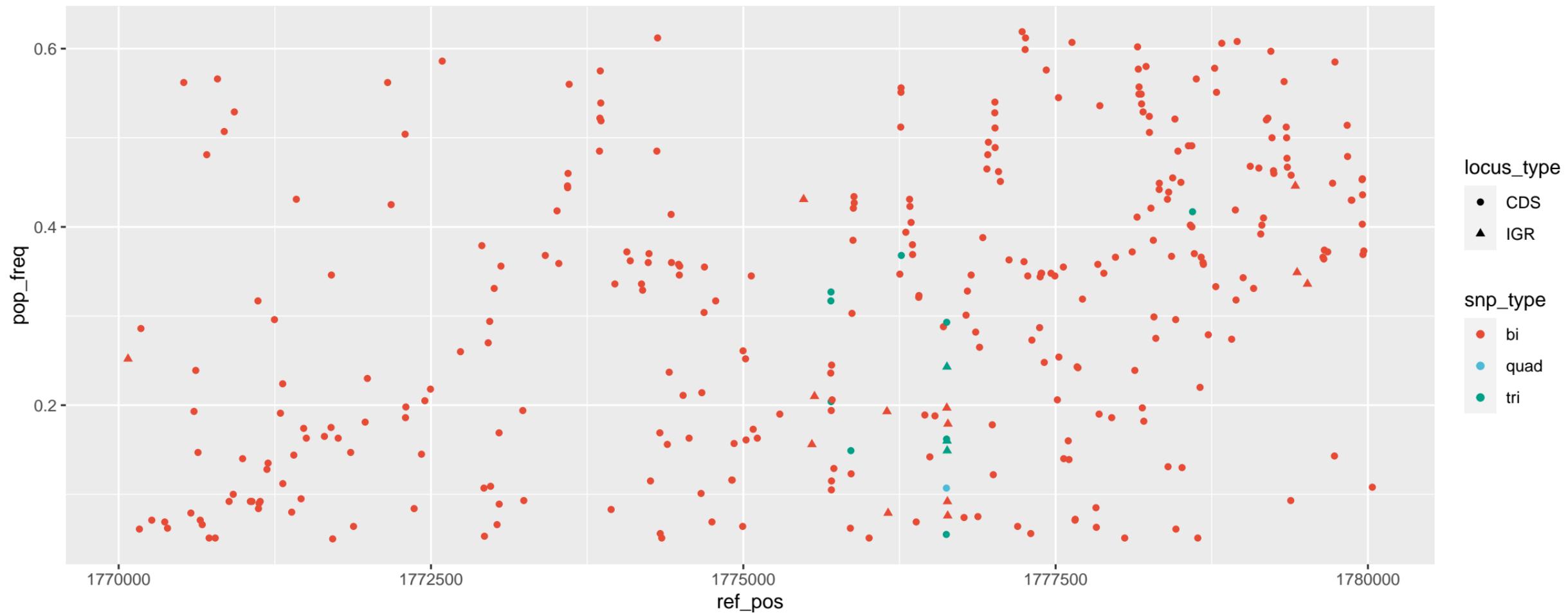
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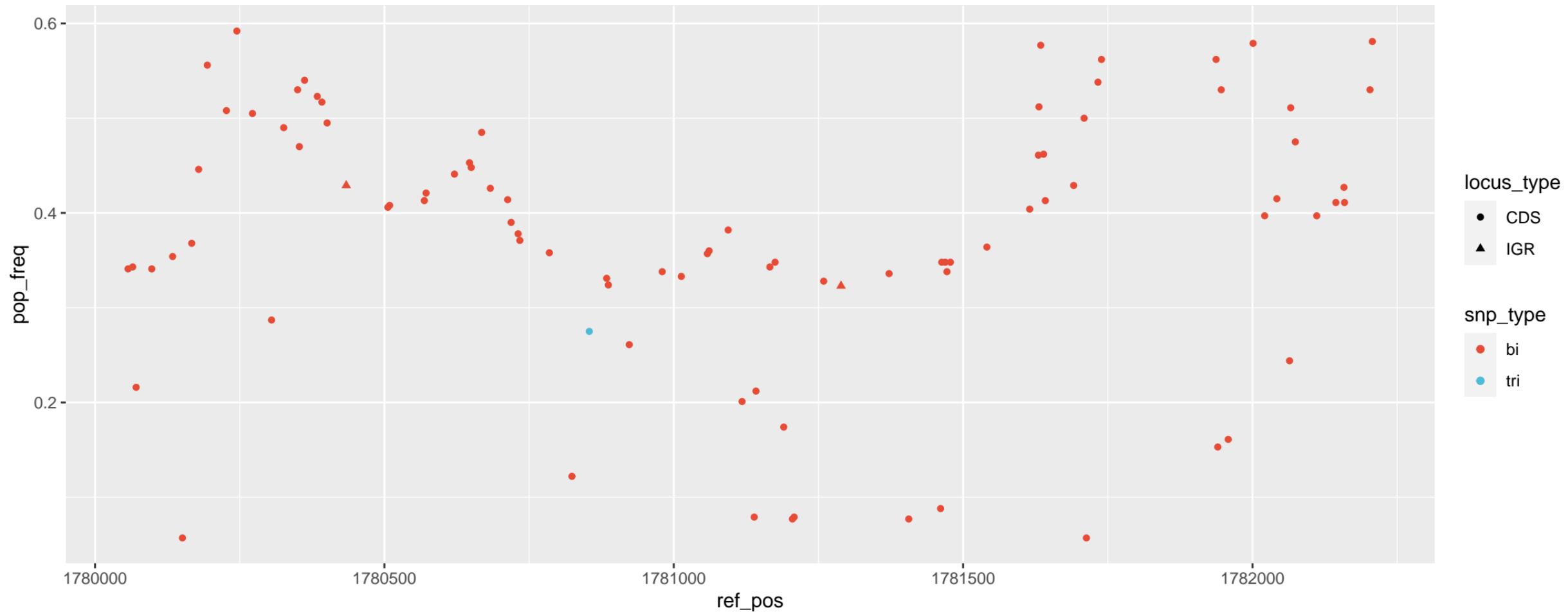
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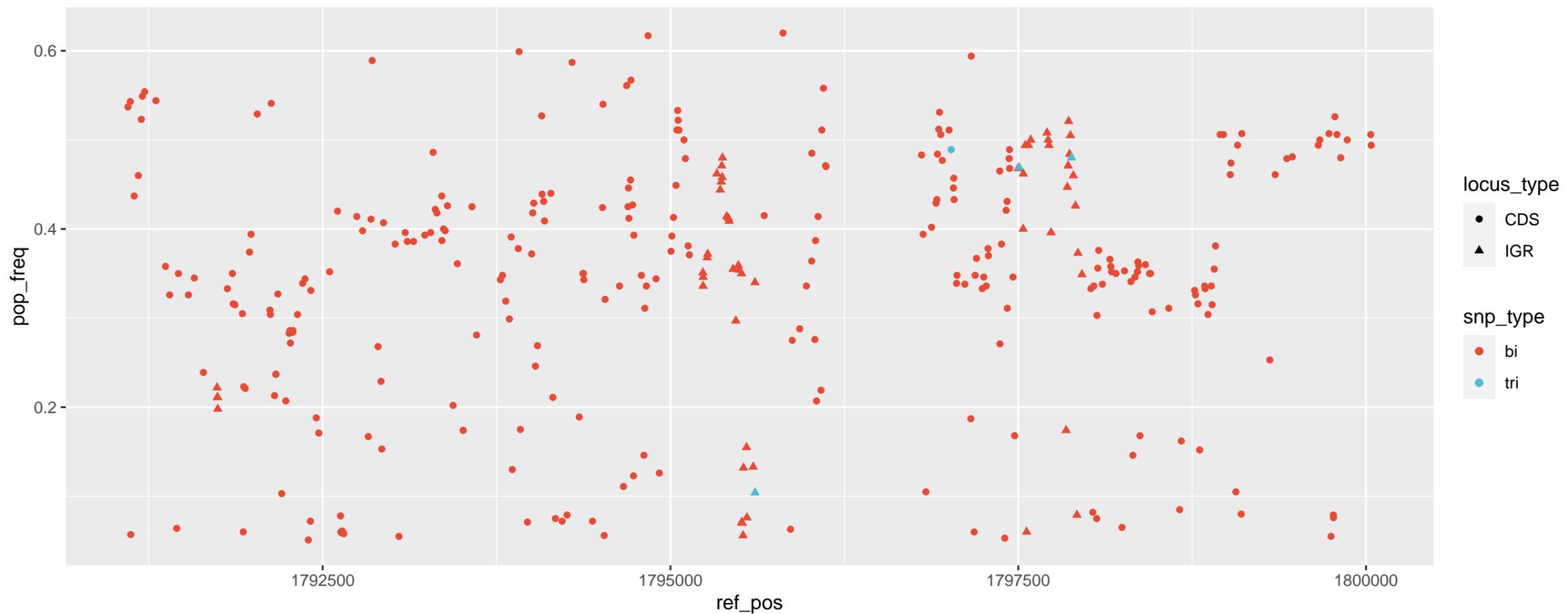
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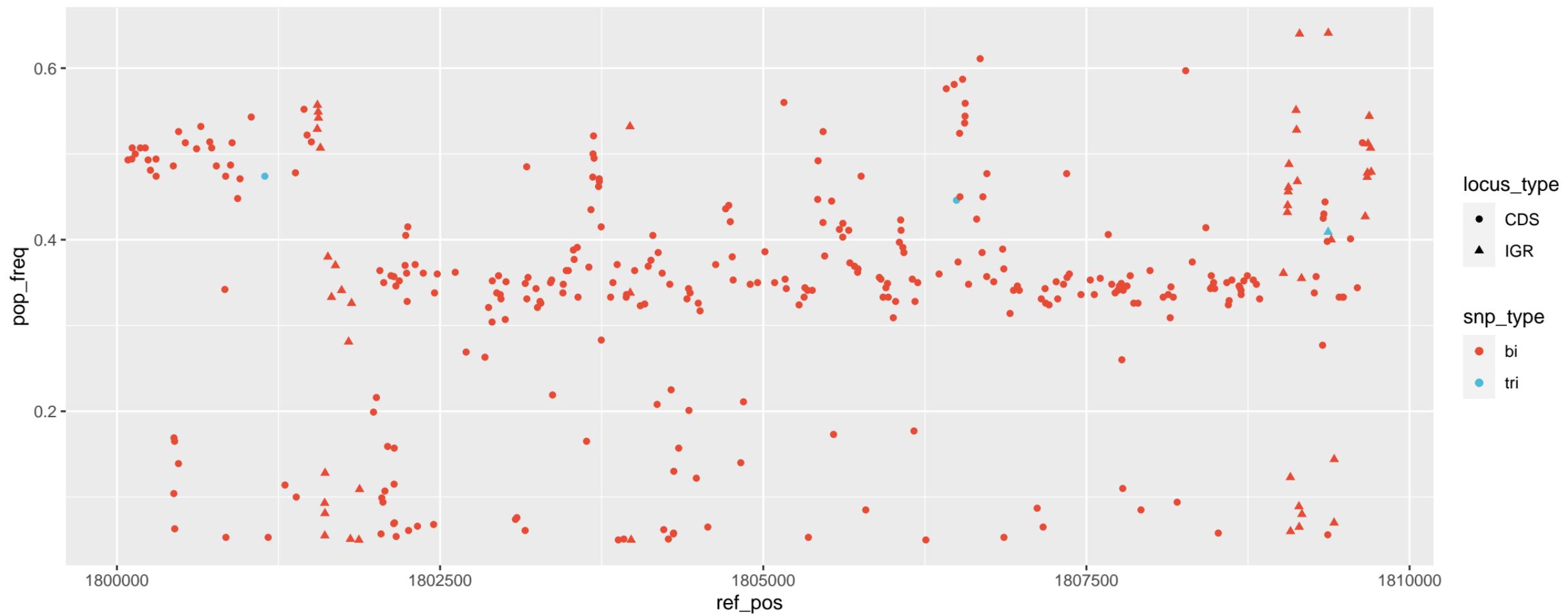
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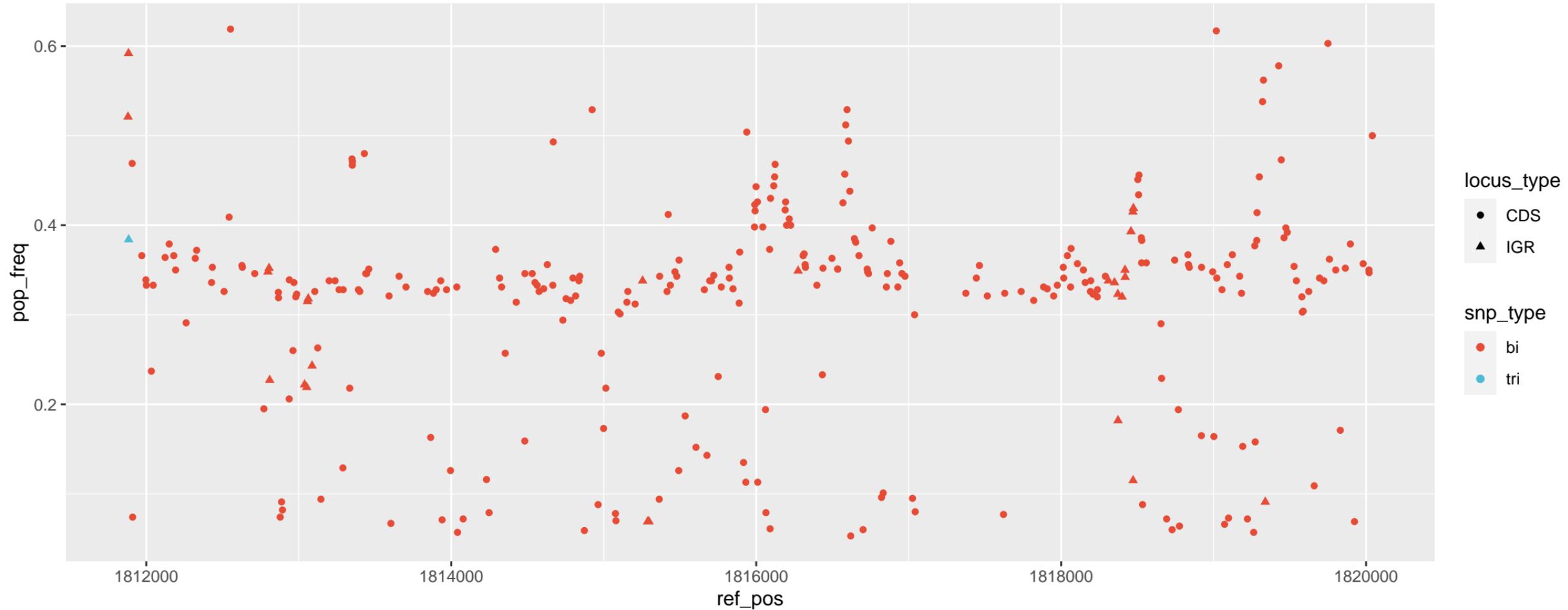
## UHGG143505\_1:1790052–1800052



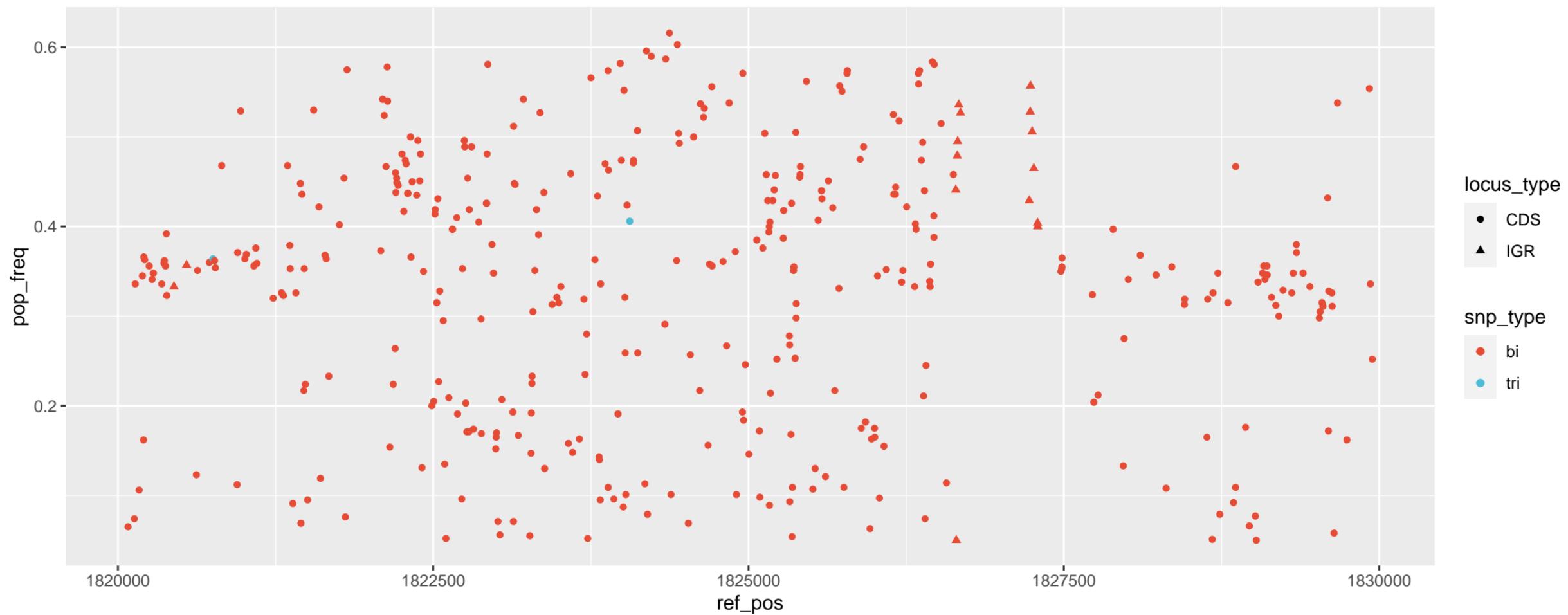
## UHGG143505\_1:1800052–1810052



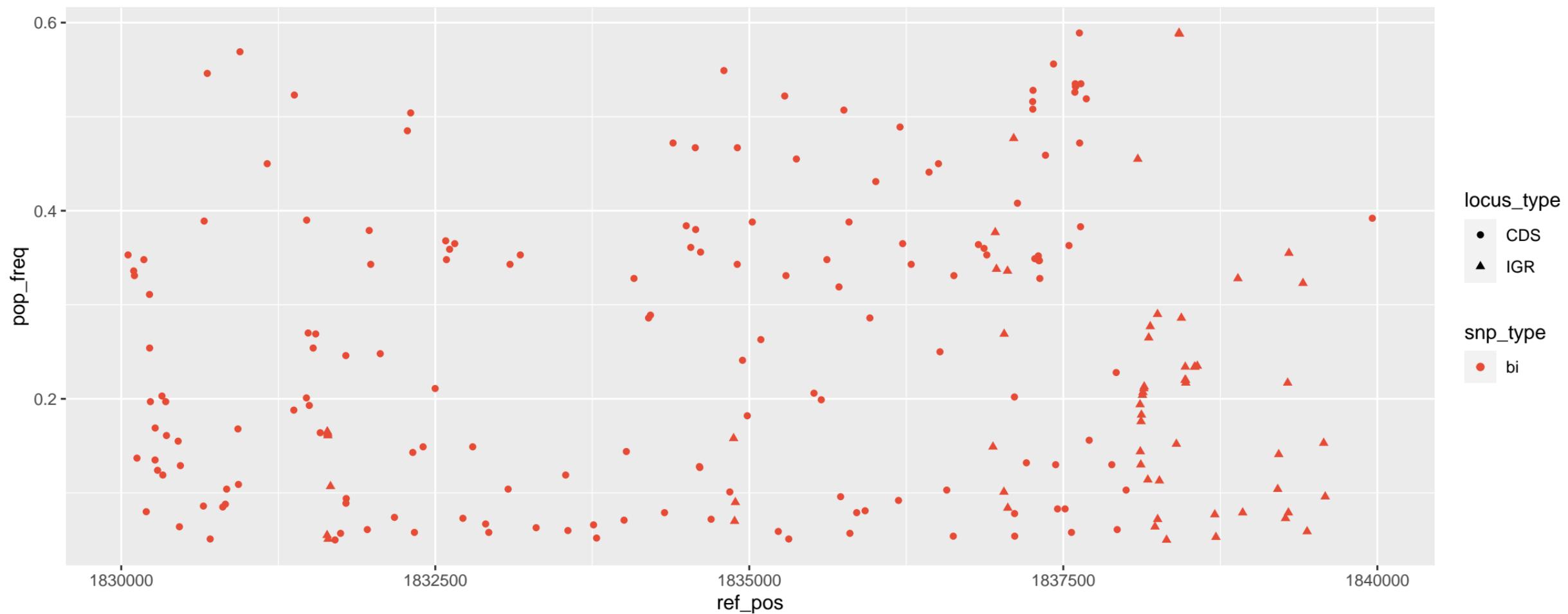
## UHGG143505\_1:1810052–1820052



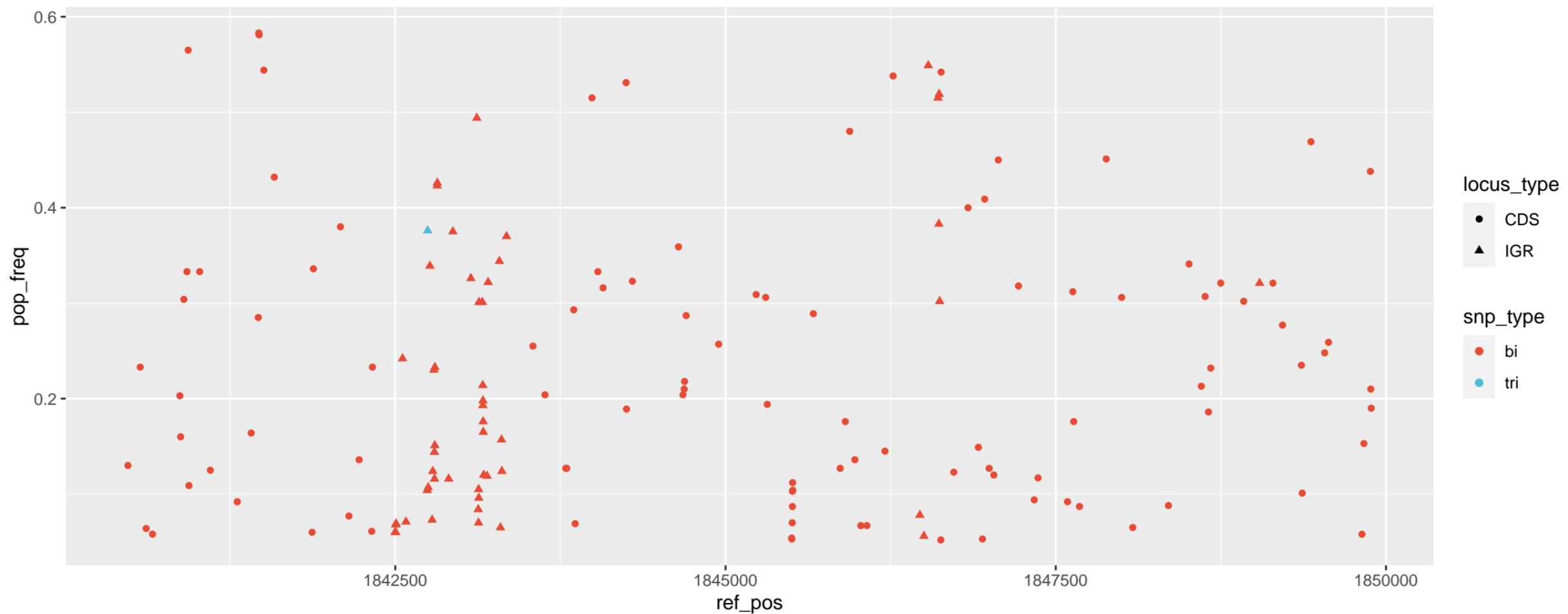
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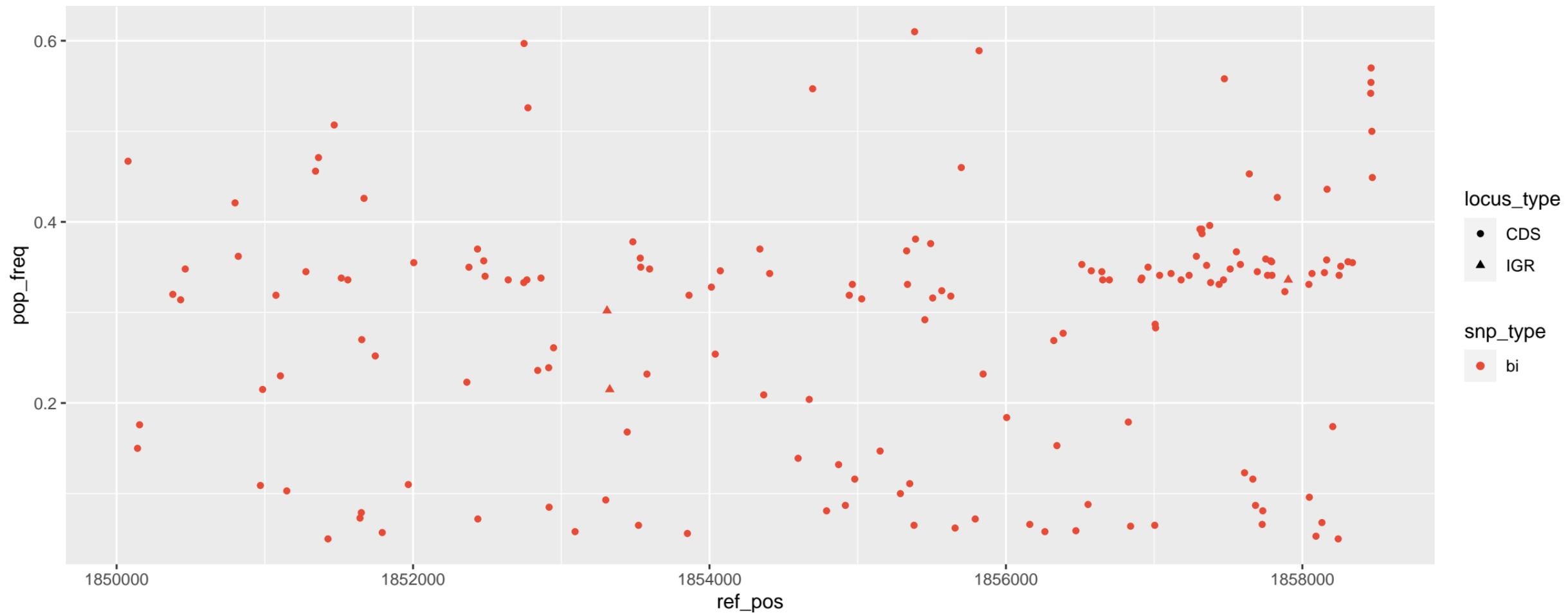
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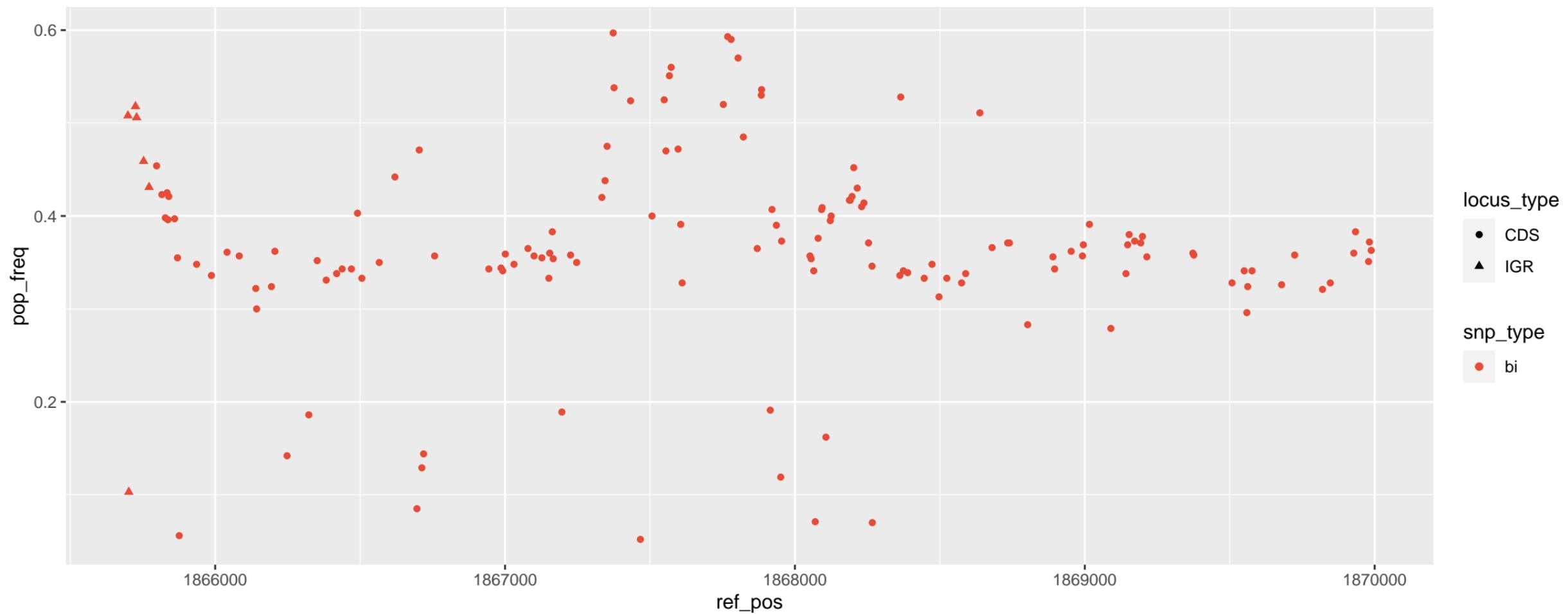
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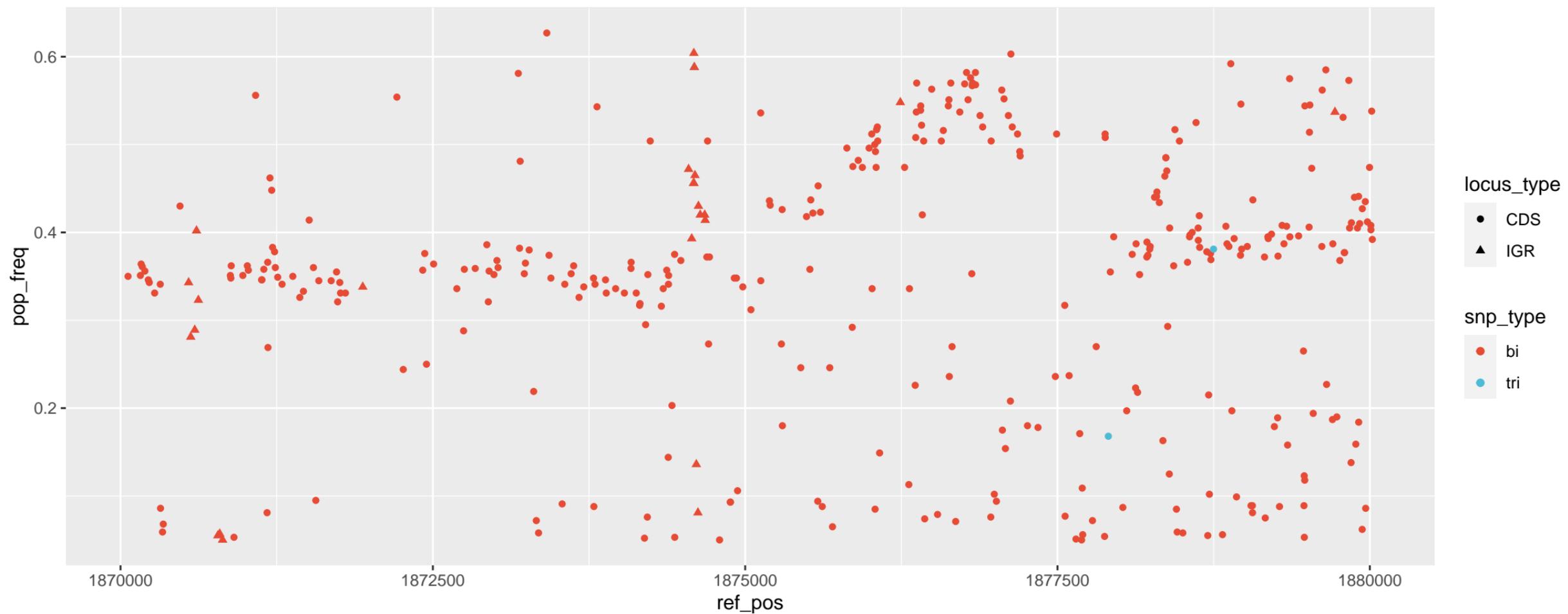
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## UHGG143505\_1:1860052-1870052



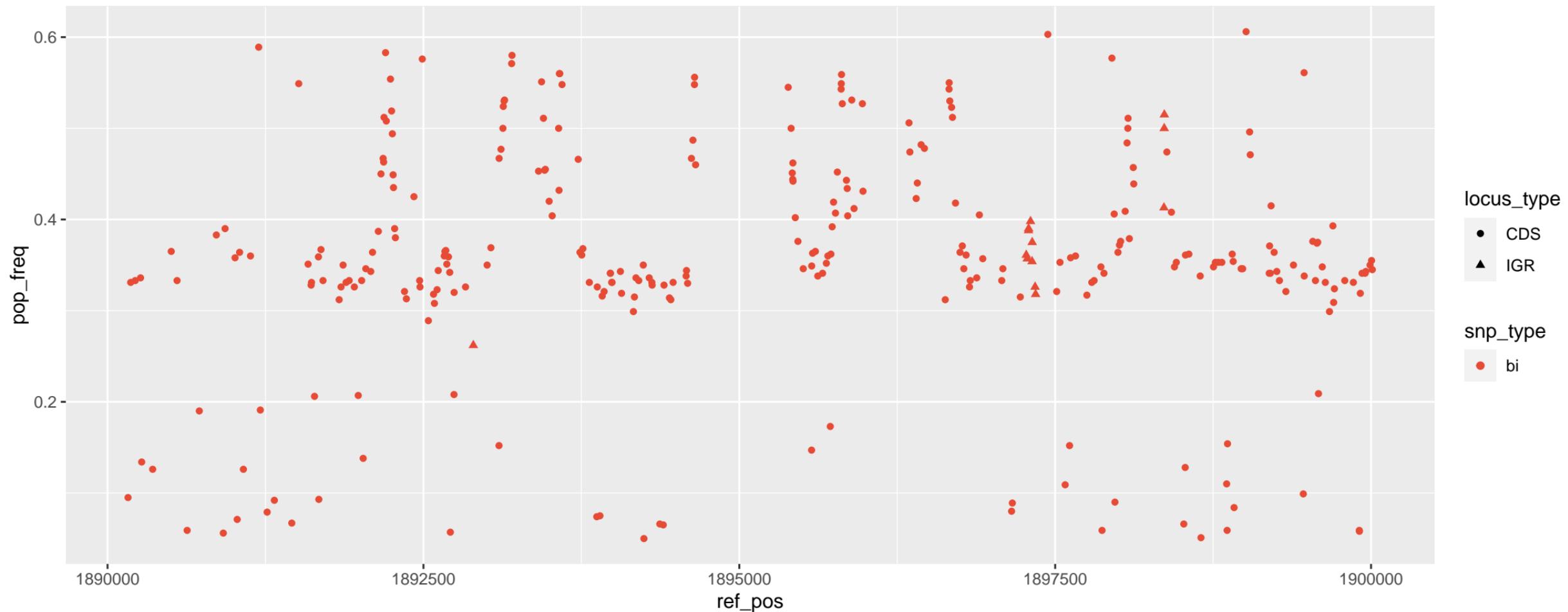
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## UHGG143505\_1:1880052–1890052



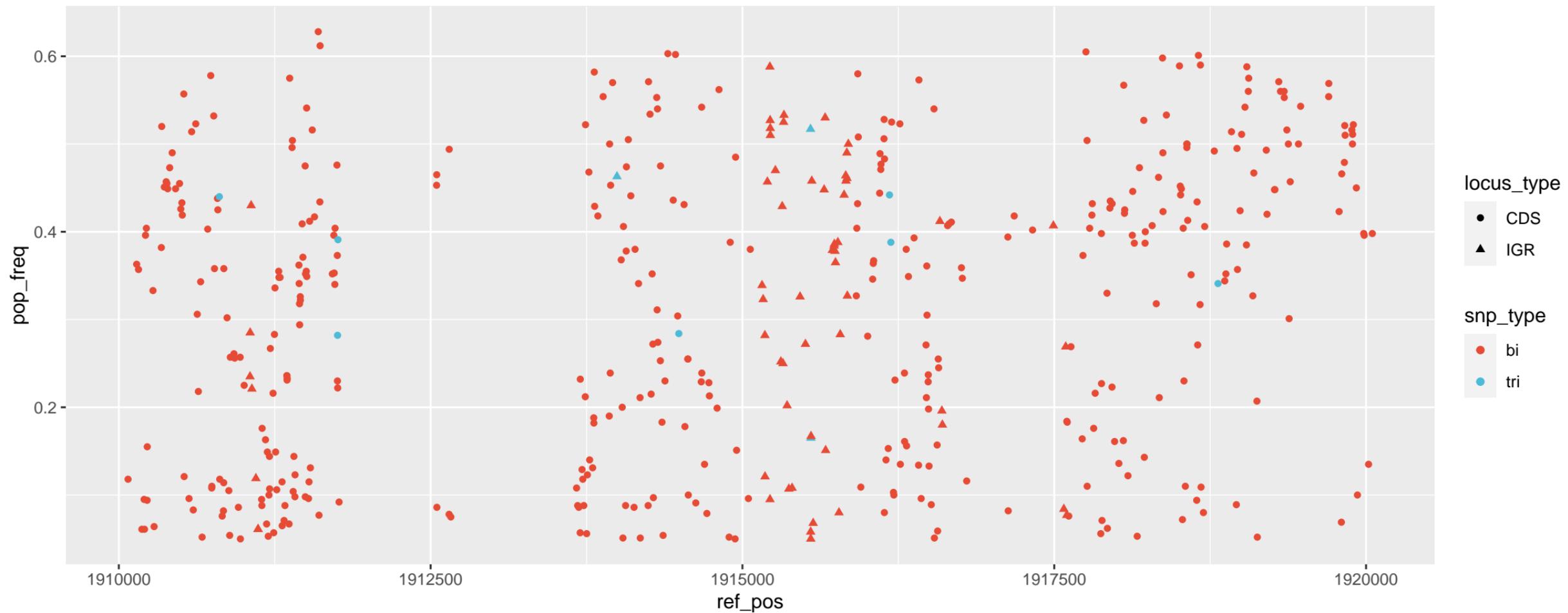
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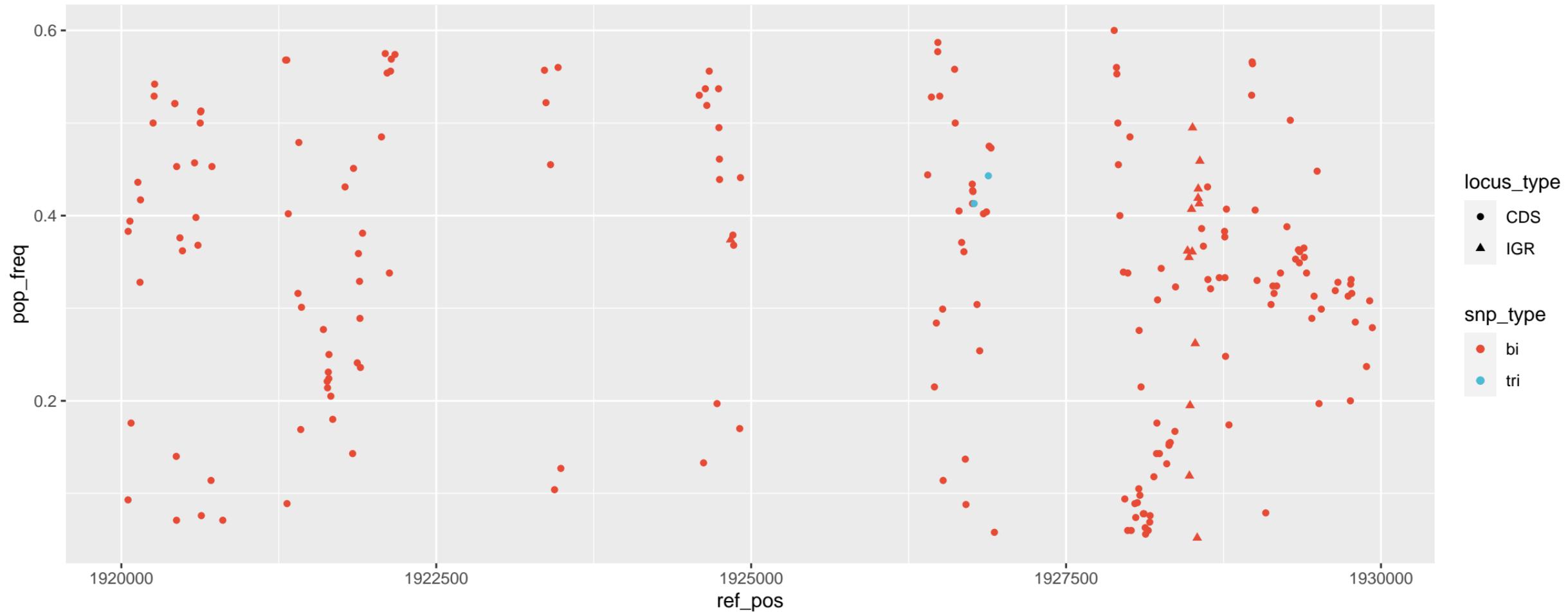
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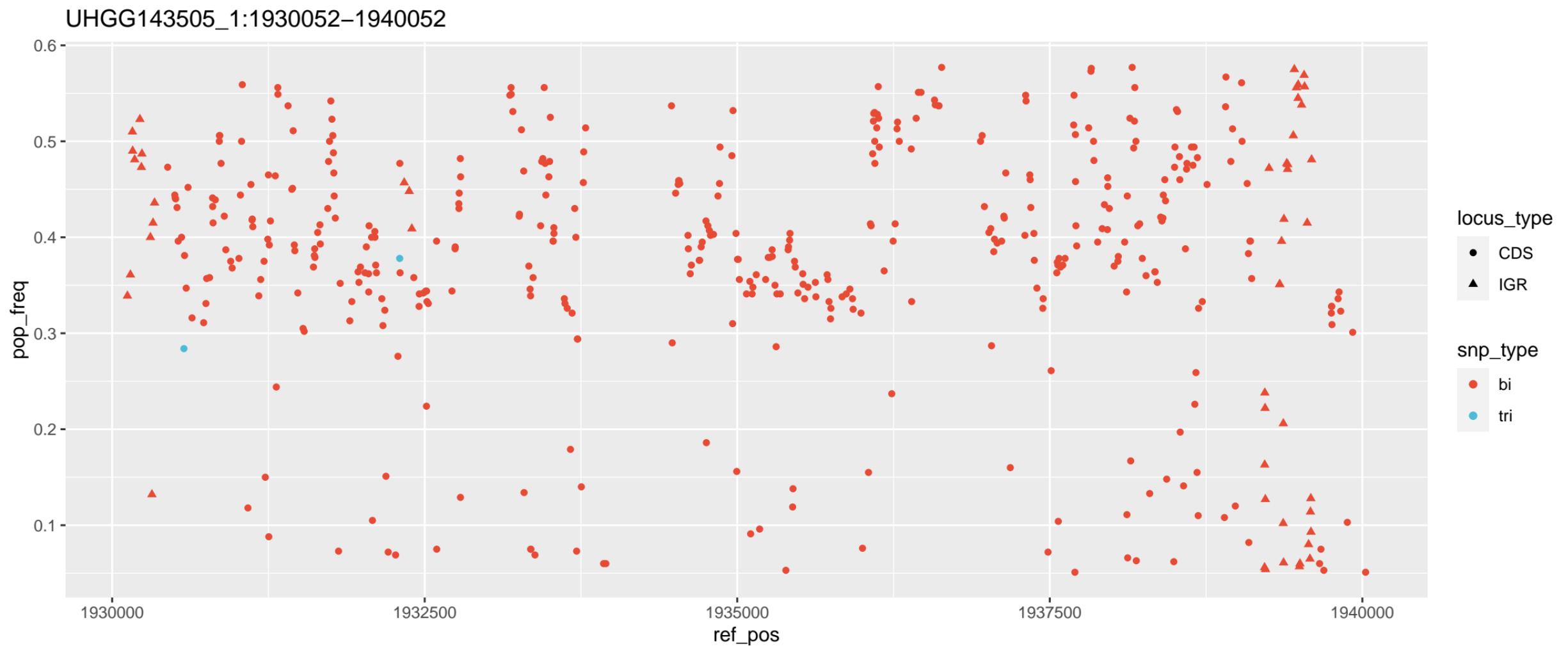


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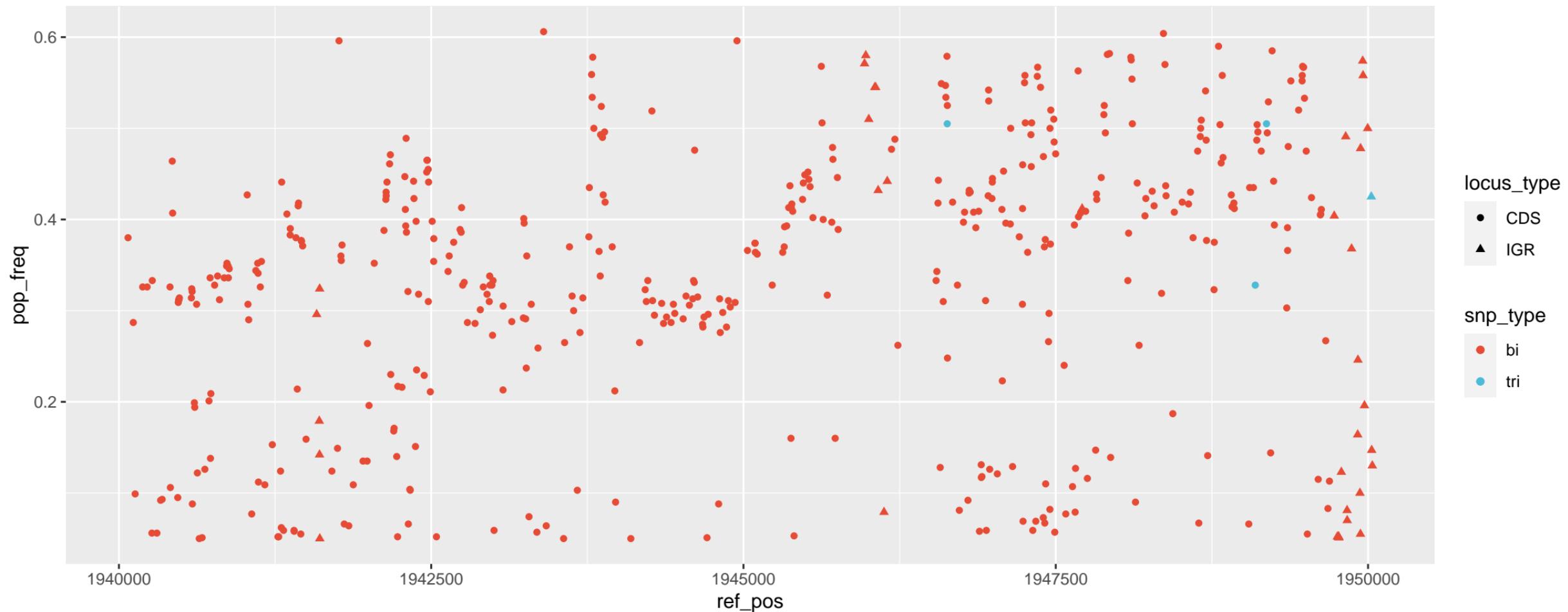


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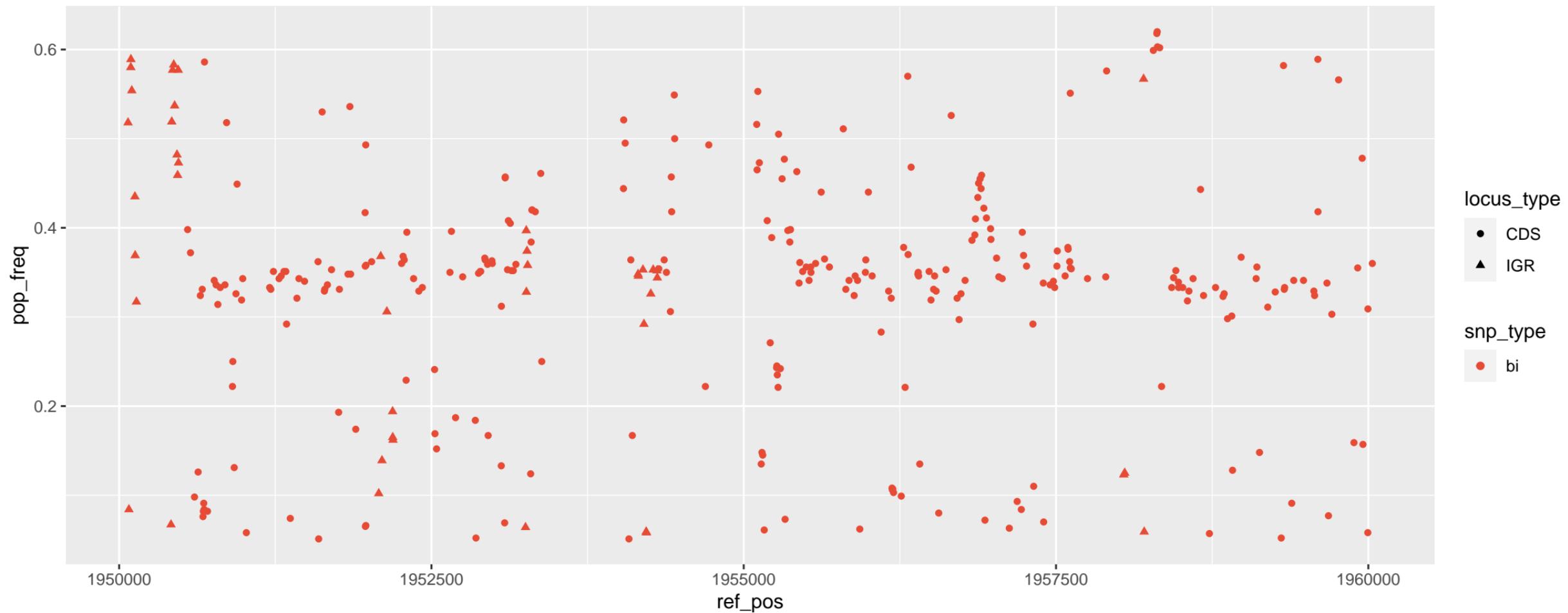




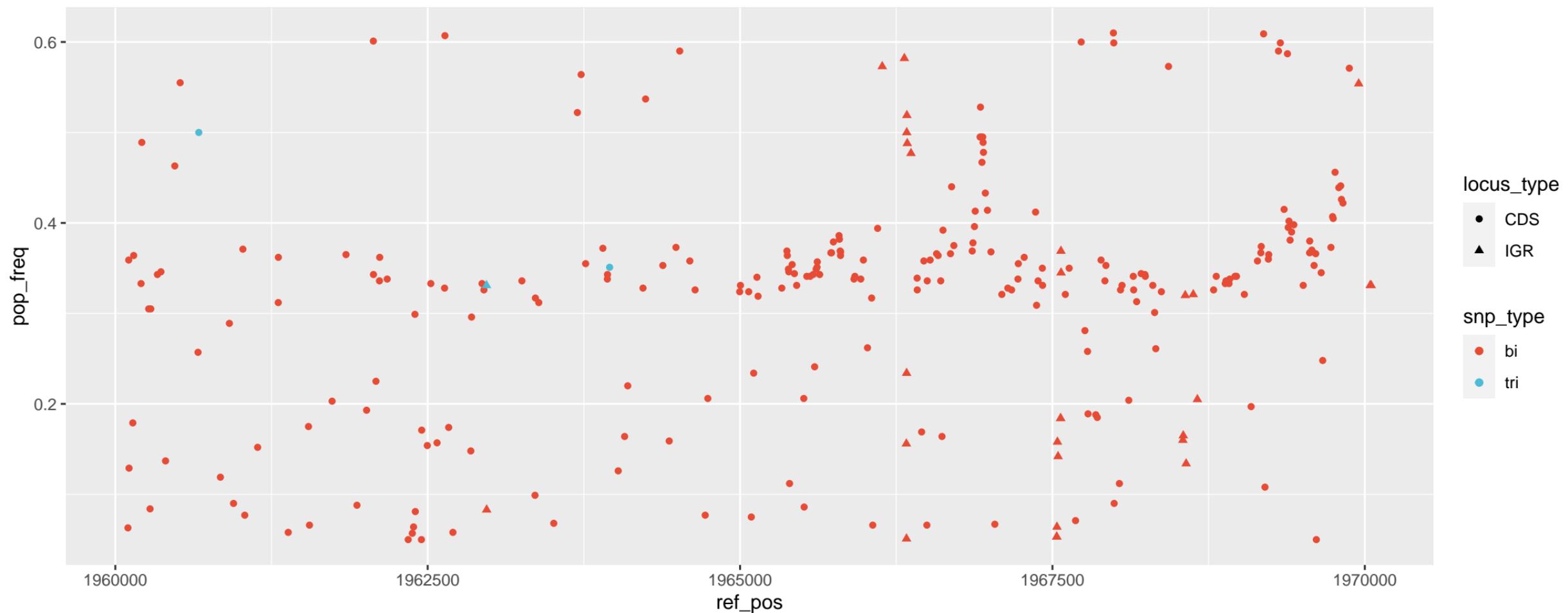
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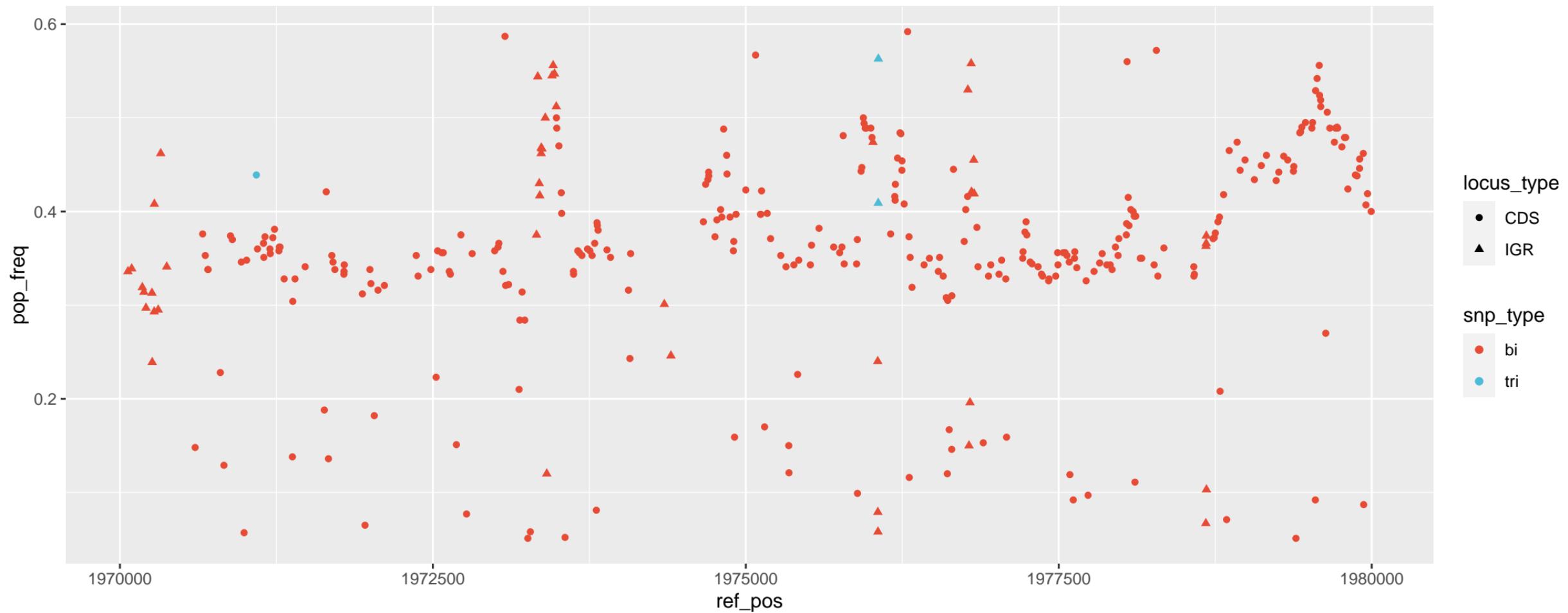
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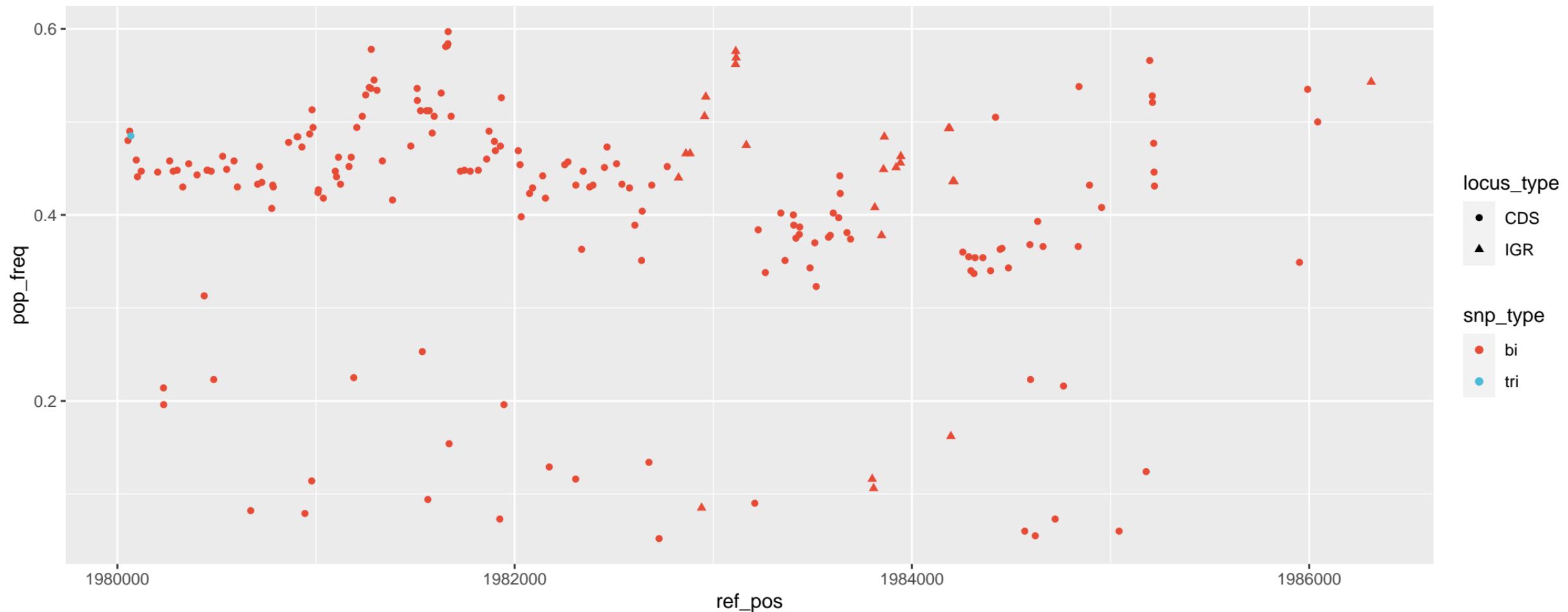
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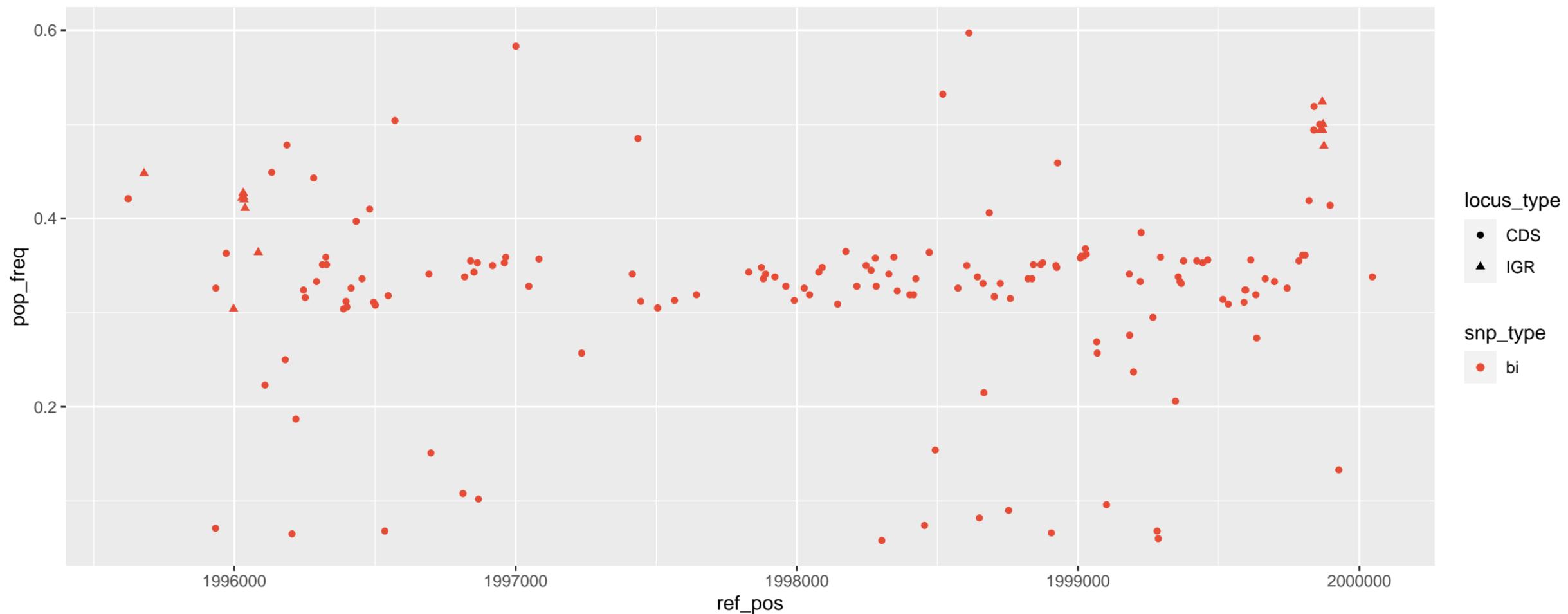
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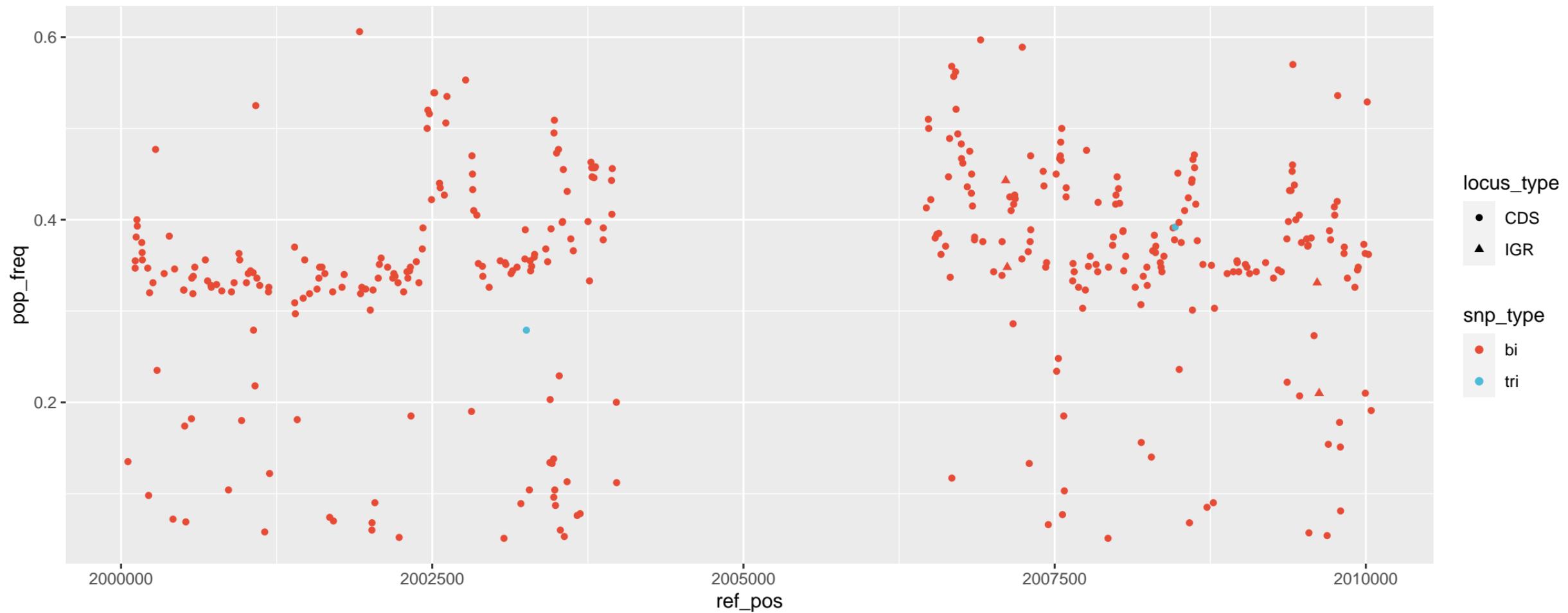
## UHGG143505\_1:1980052–1990052



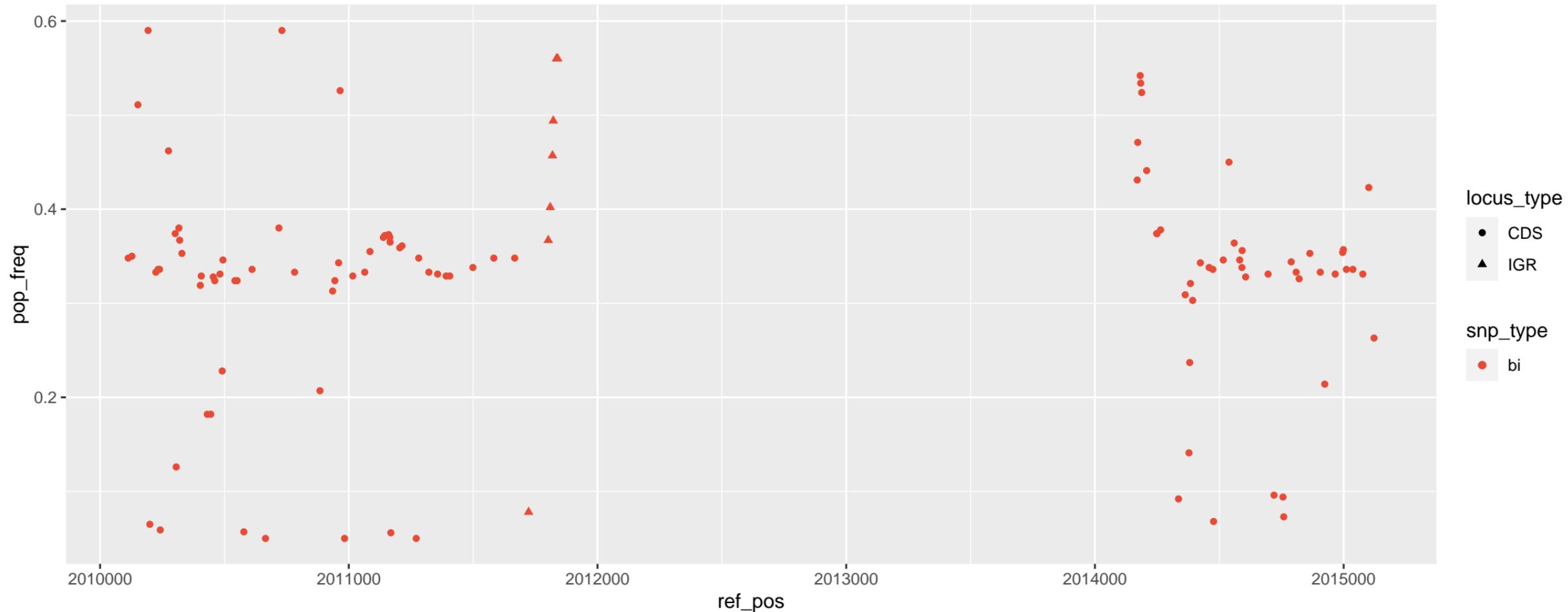
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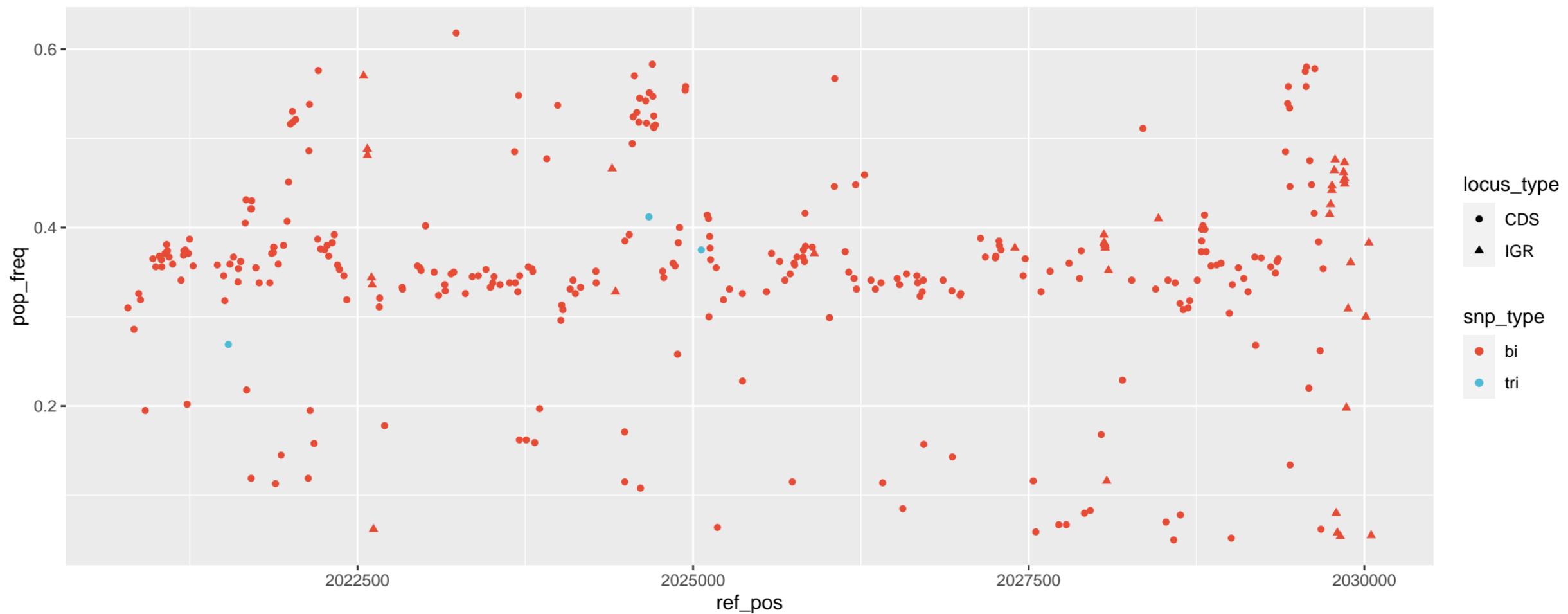
## UHGG143505\_1:2000052–2010052



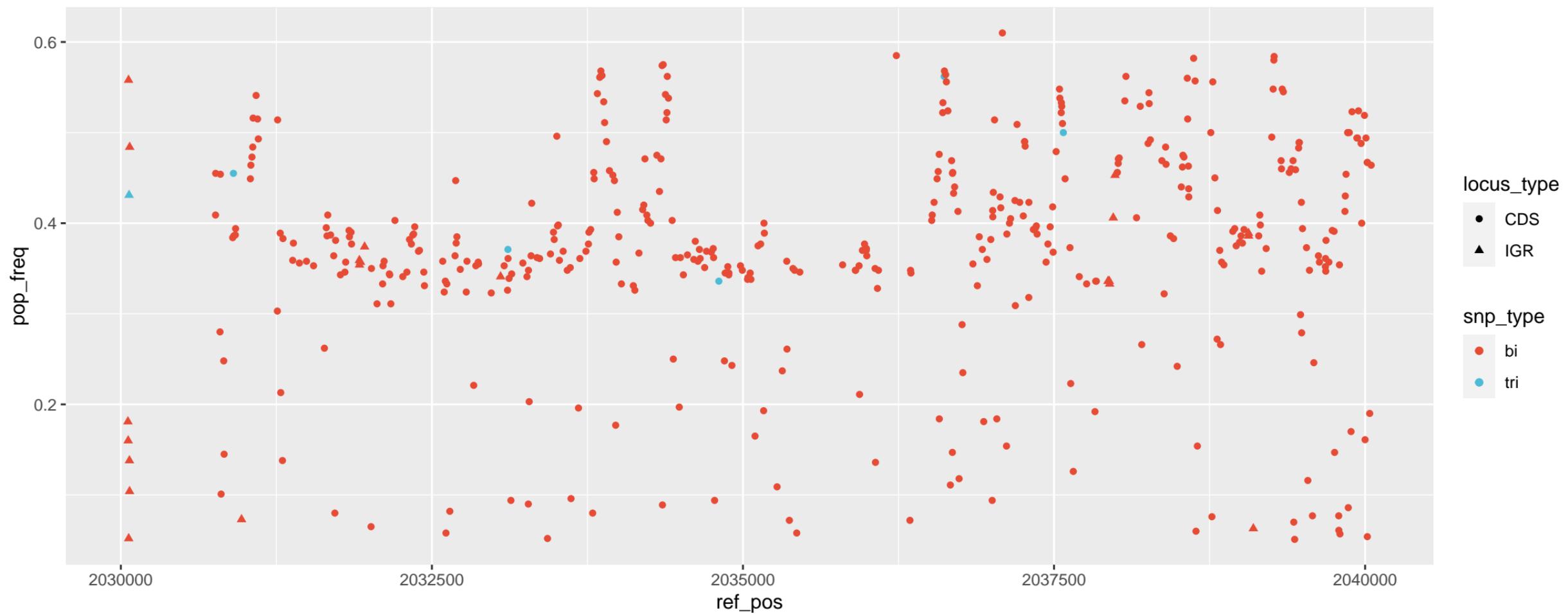
## UHGG143505\_1:2010052–2020052



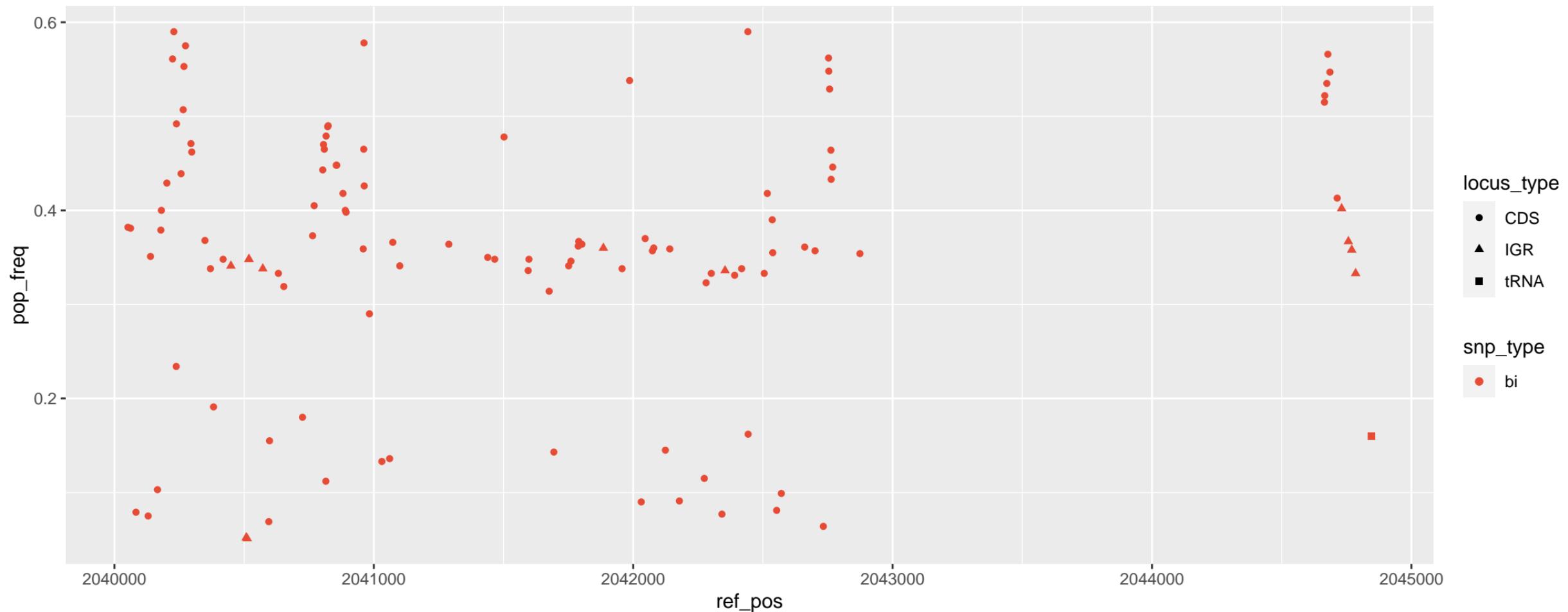
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## UHGG143505\_1:2030052–2040052



## UHGG143505\_1:2040052–2050052



UHGG143505\_1:2050052–2060052

pop\_freq

ref\_pos

UHGG143505\_1:2060052–2070052

pop\_freq

ref\_pos

UHGG143505\_1:2070052–2080052

pop\_freq

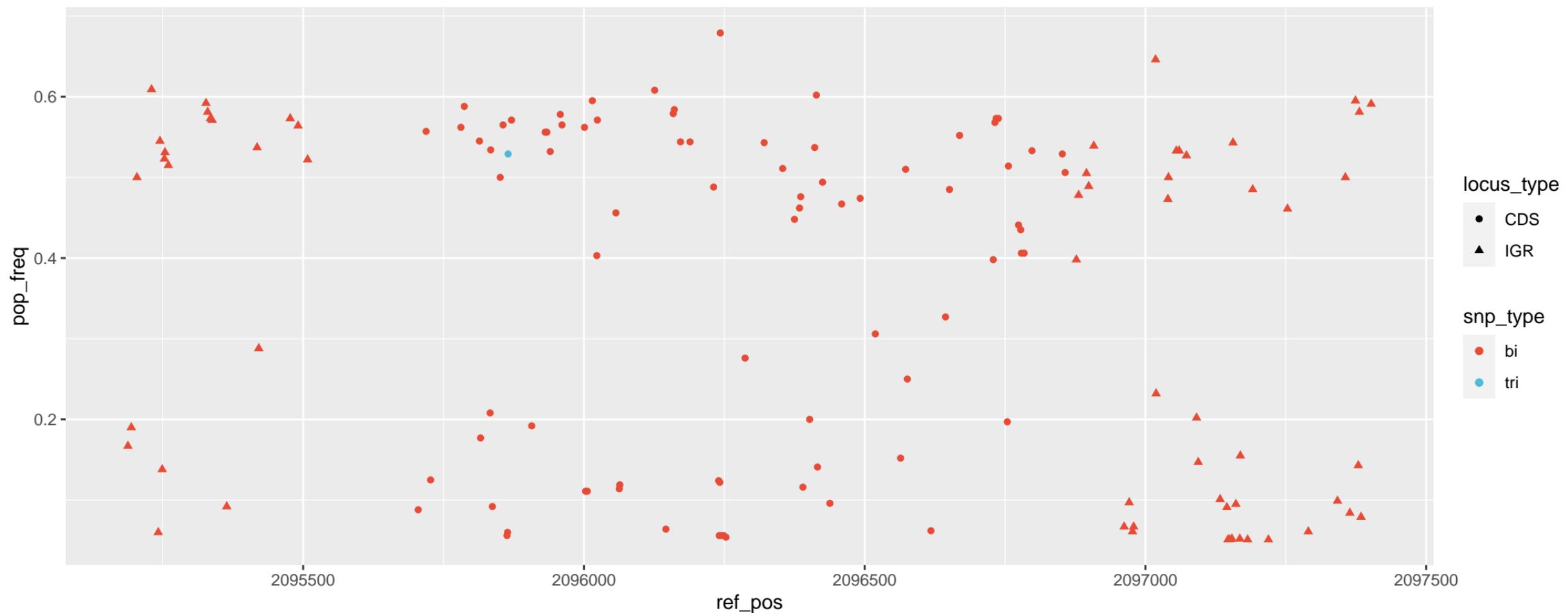
ref\_pos

UHGG143505\_1:2080052–2090052

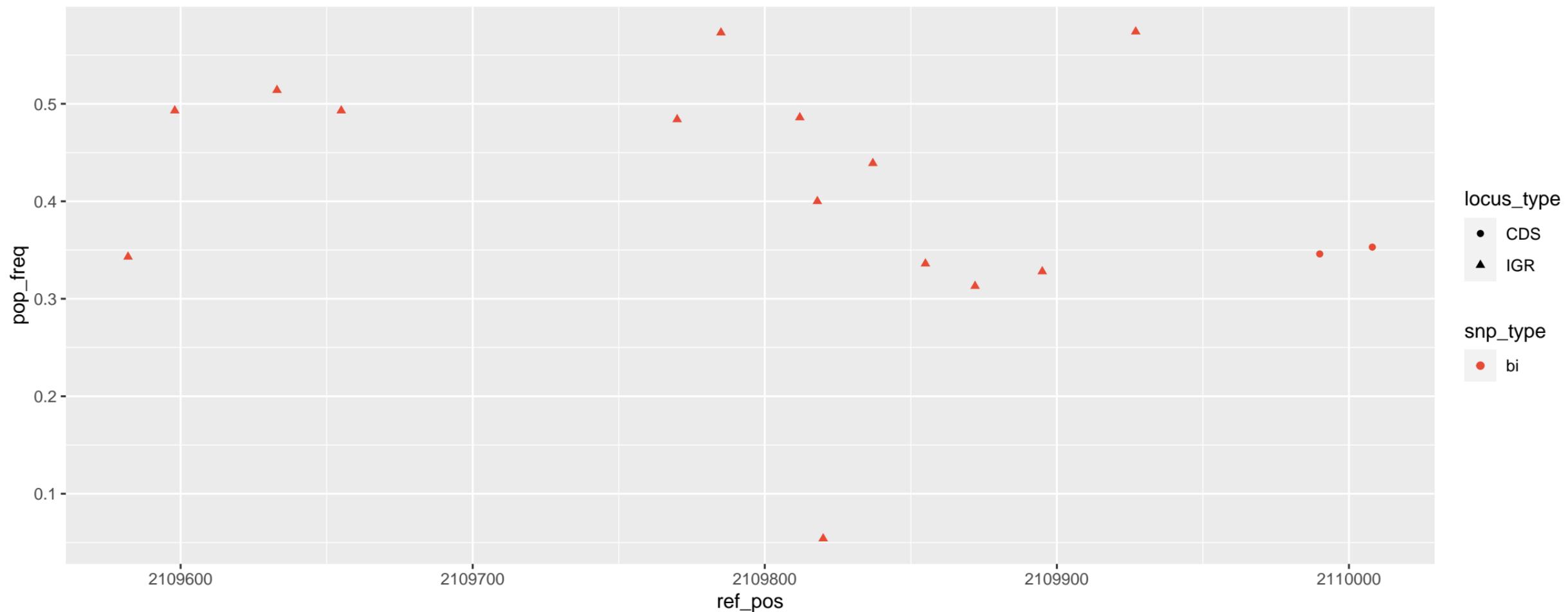
pop\_freq

ref\_pos

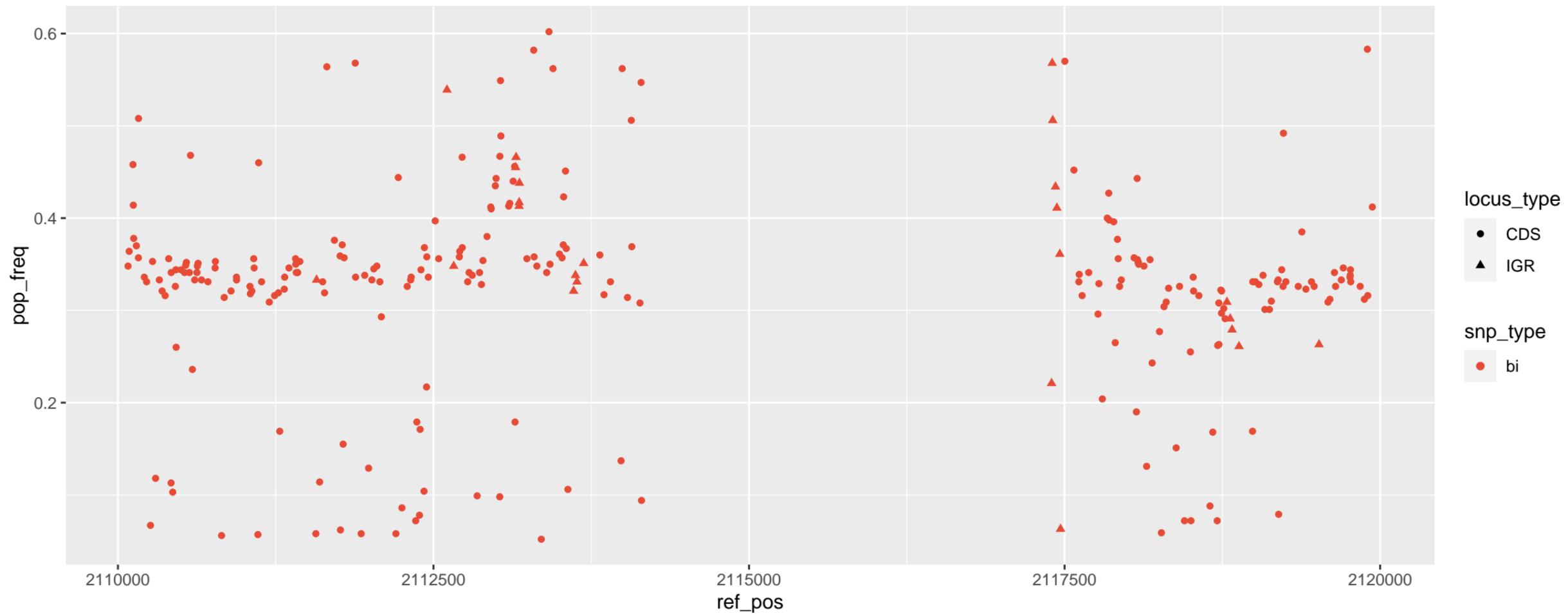
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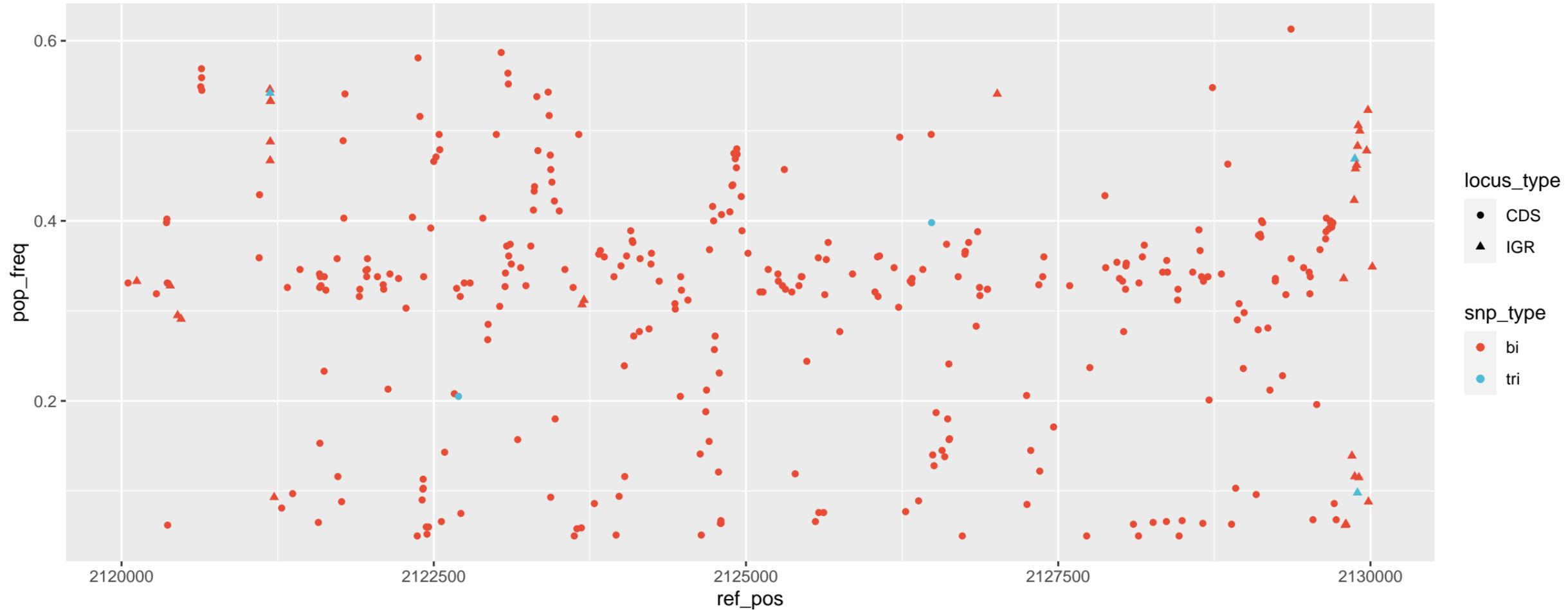
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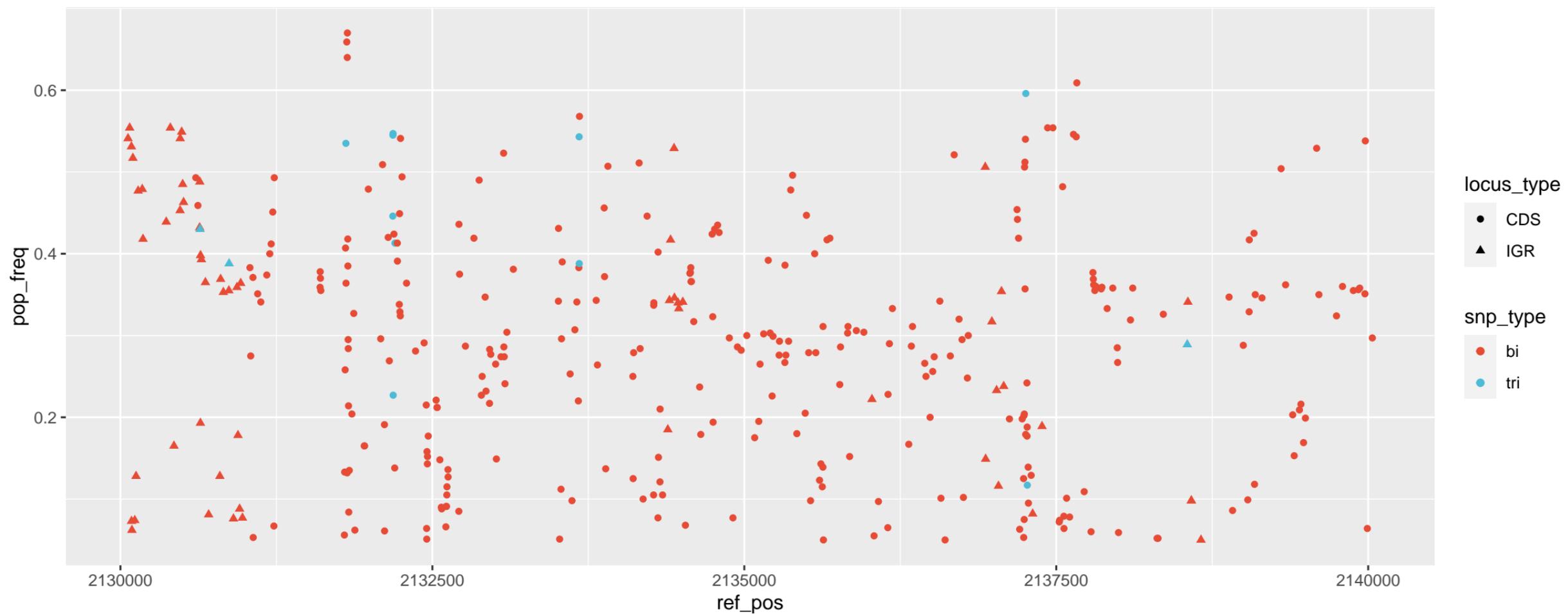
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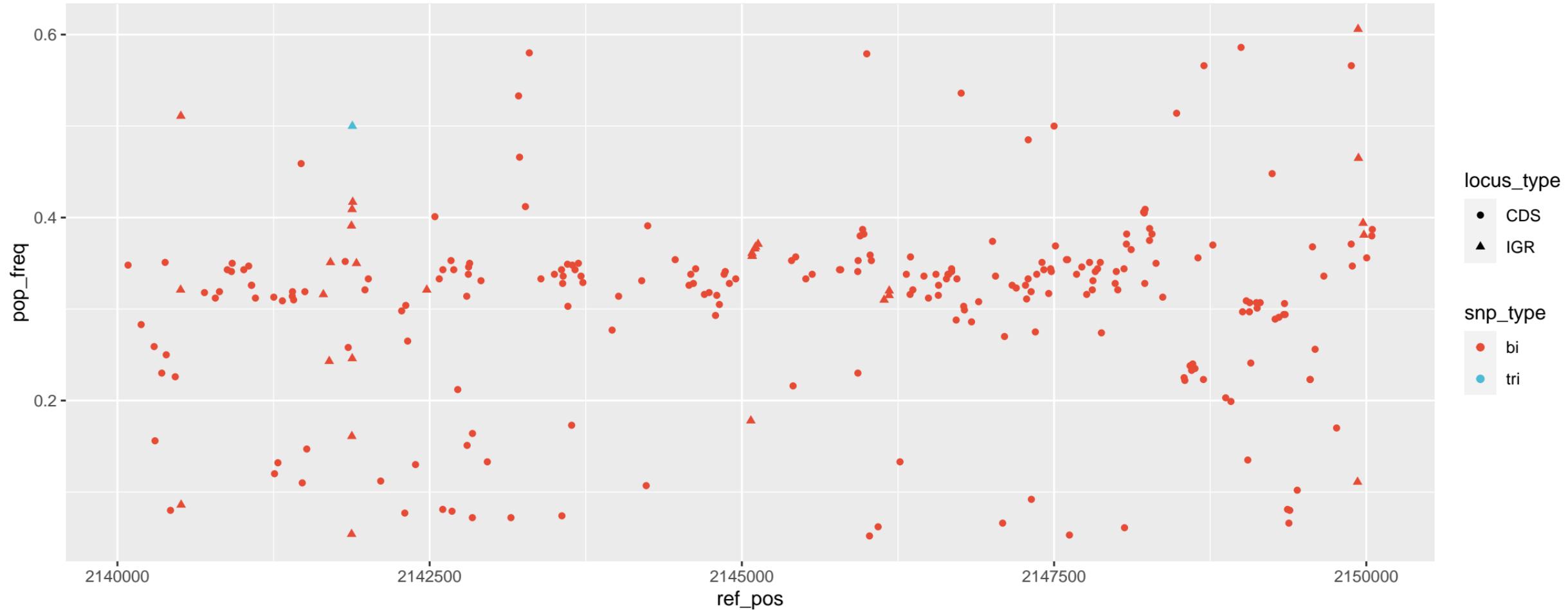
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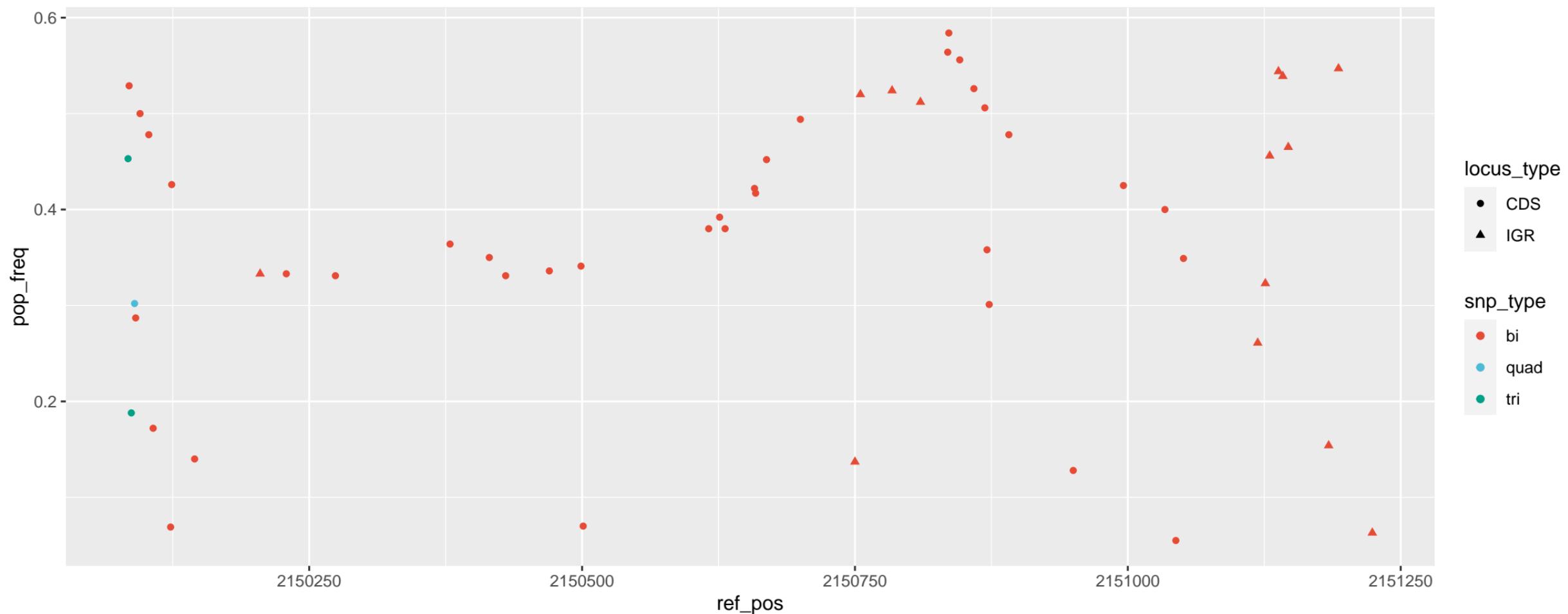
## UHGG143505\_1:2130052–2140052



## UHGG143505\_1:2140052–2150052



## UHGG143505\_1:2150052-2160052



UHGG143505\_1:2160052–2170052

pop\_freq

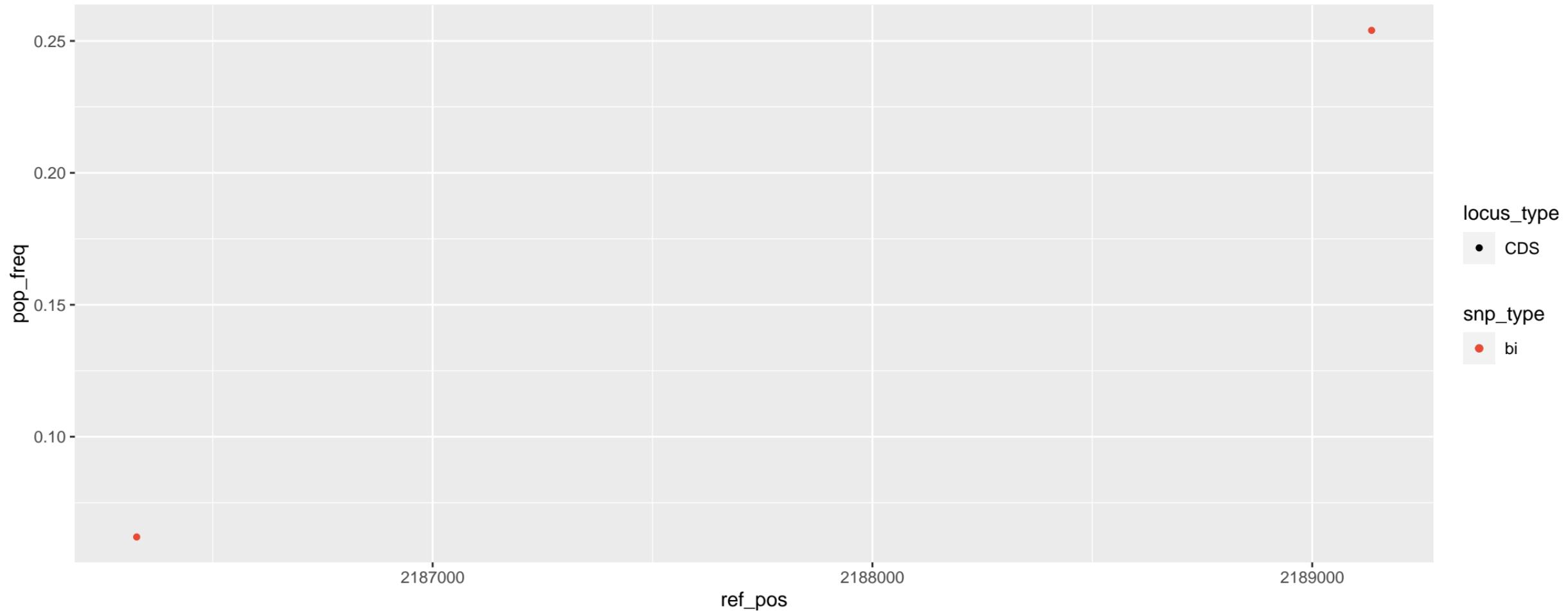
ref\_pos

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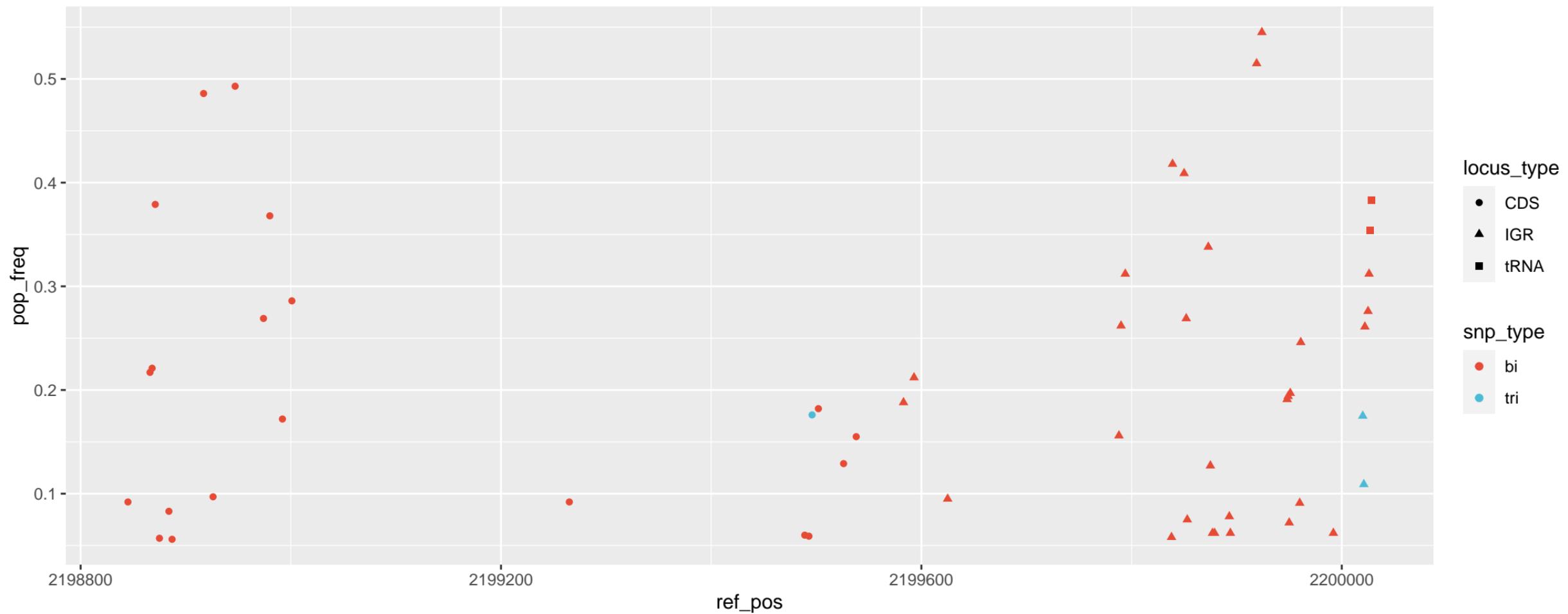
pop\_freq

ref\_pos

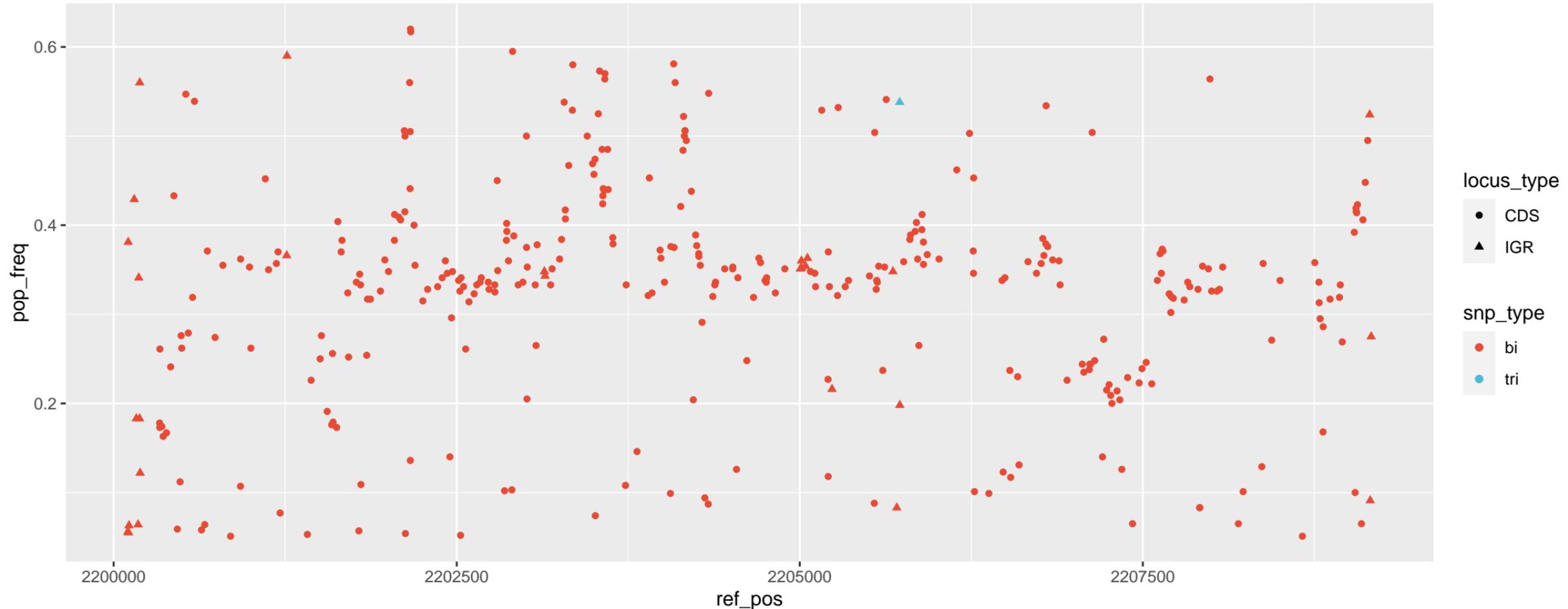
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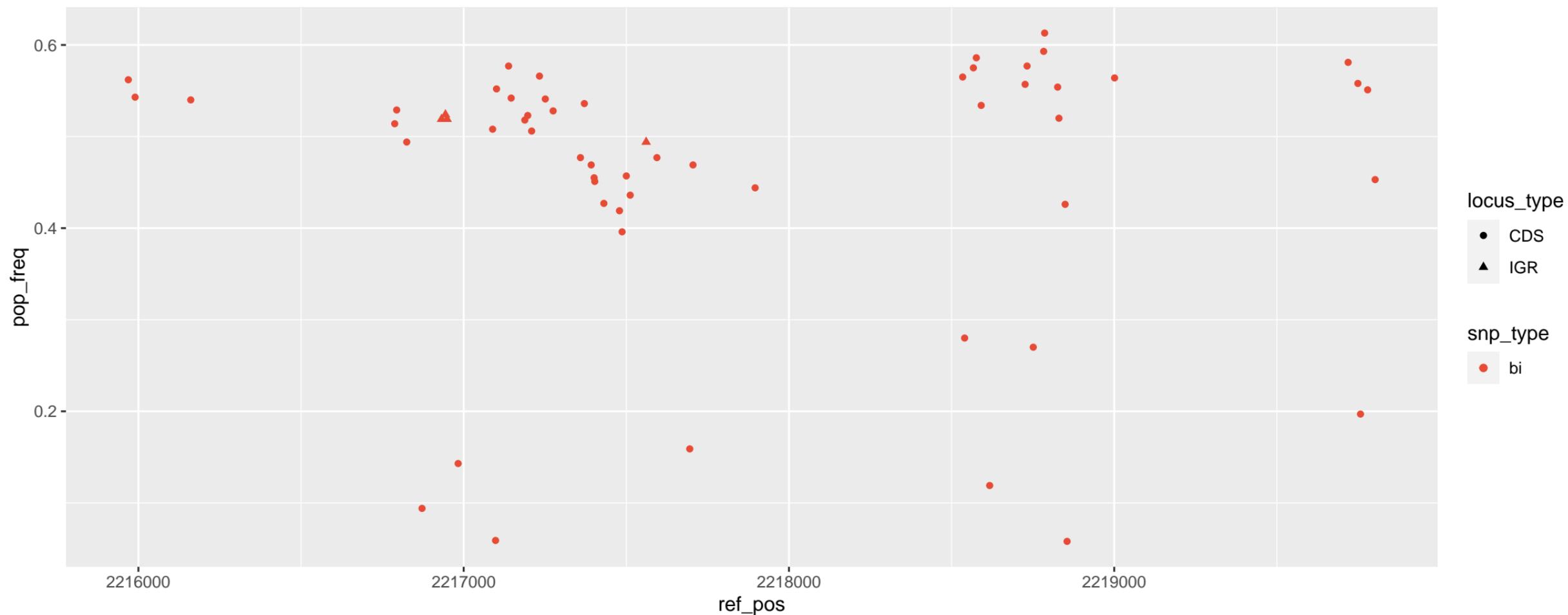
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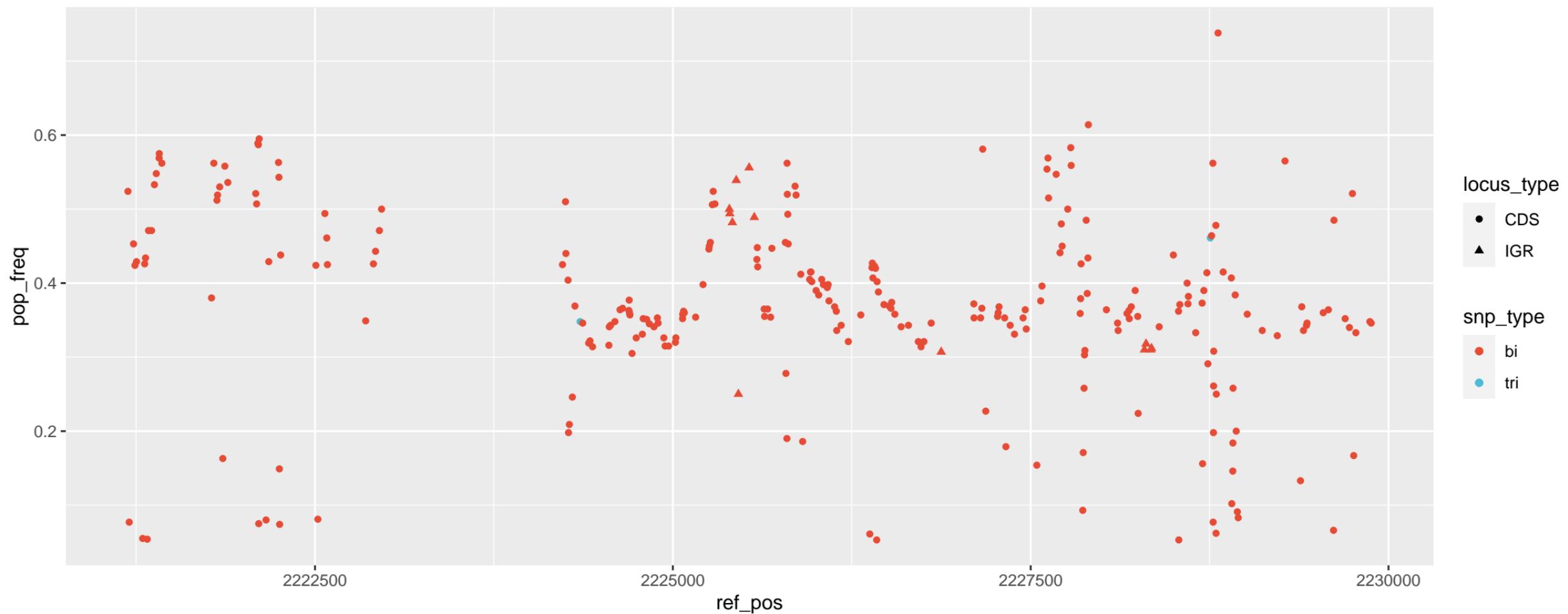
## UHGG143505\_1:2200052–2210052



## UHGG143505\_1:2210052–2220052



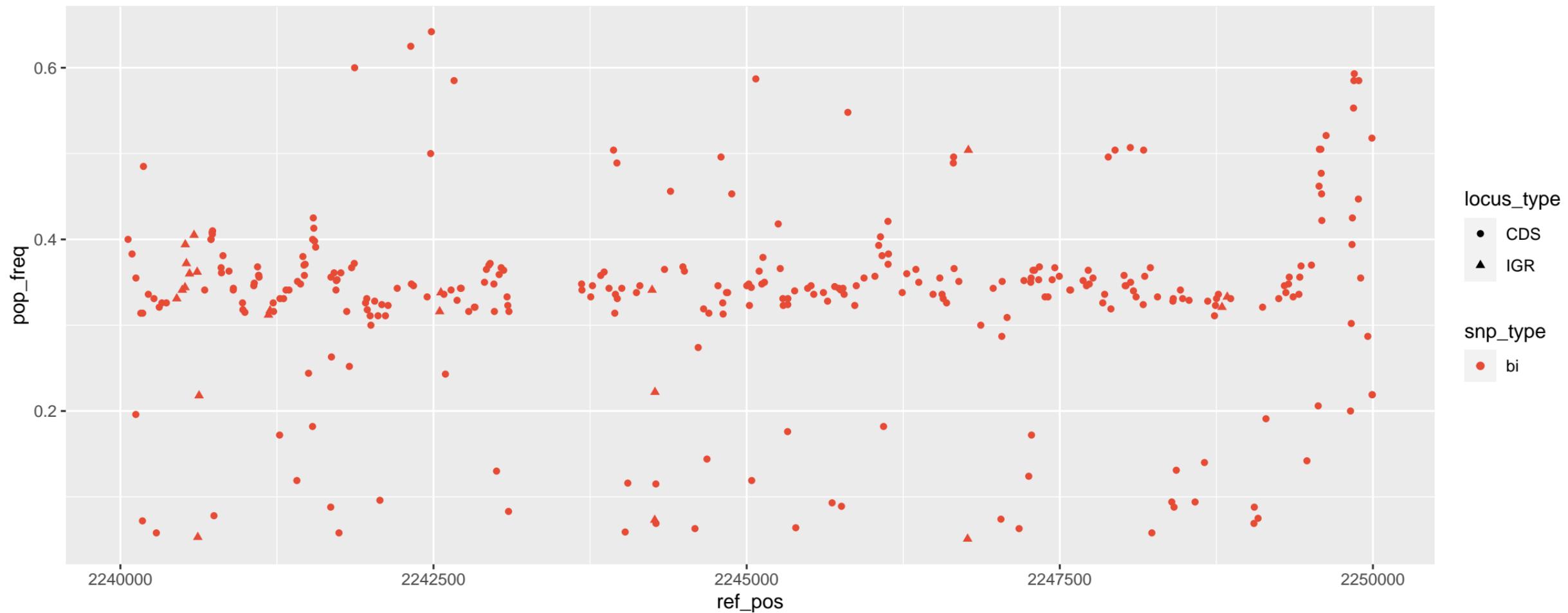
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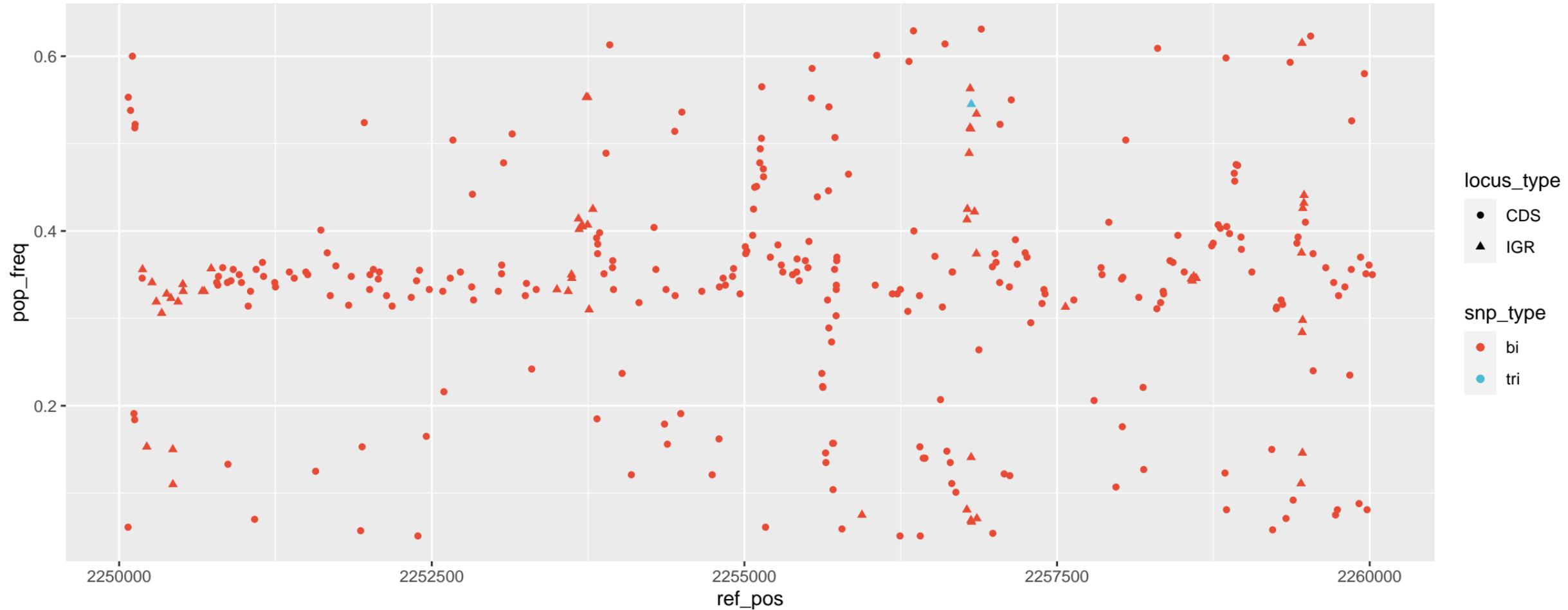
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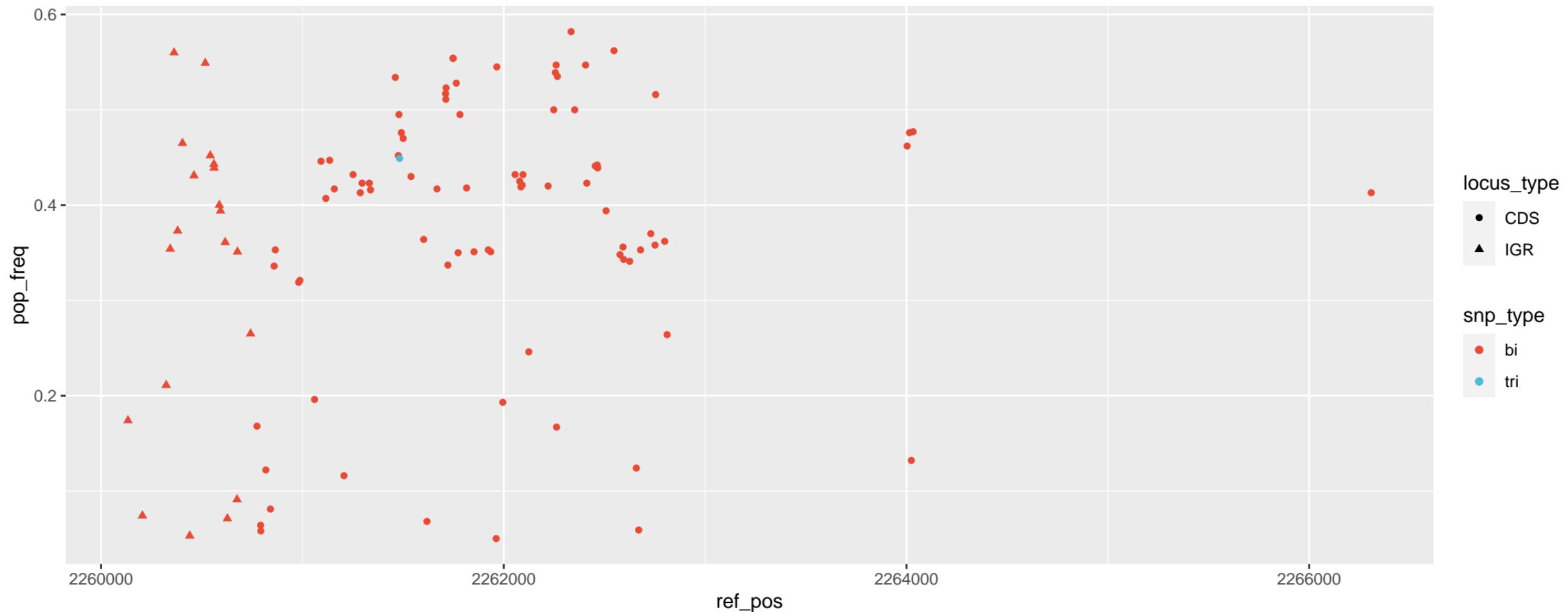
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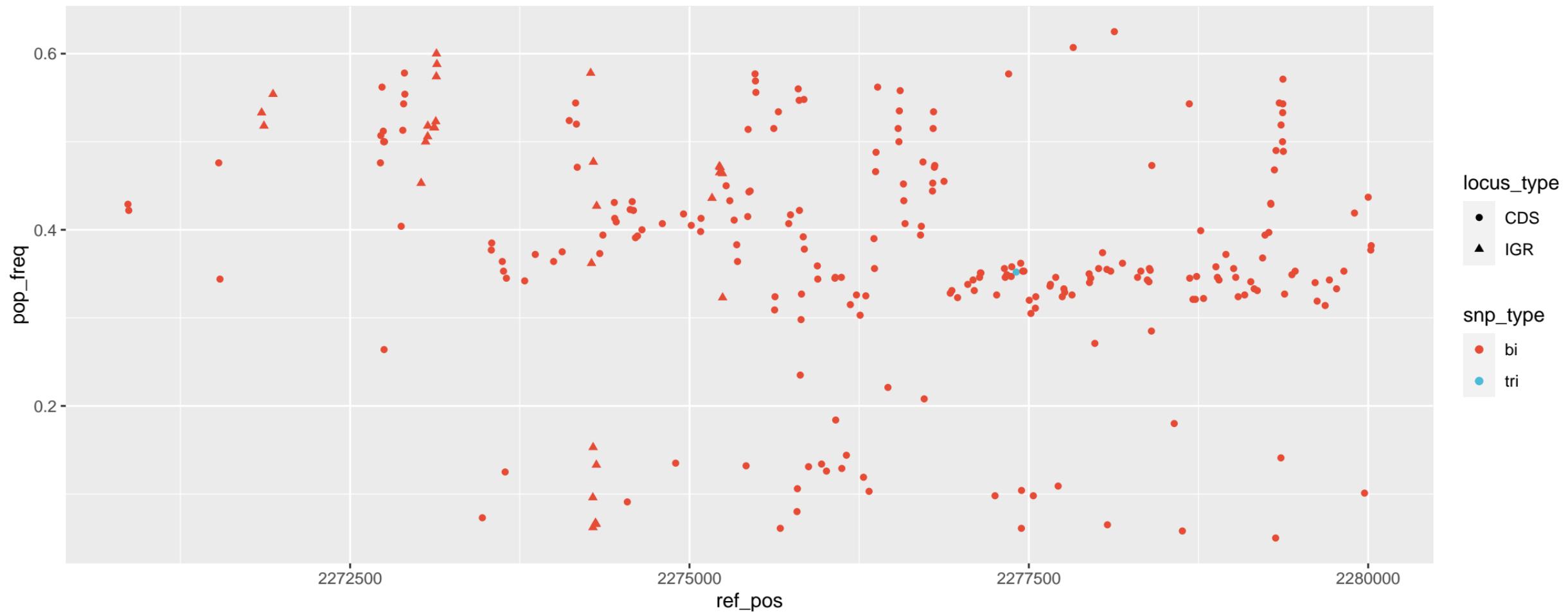
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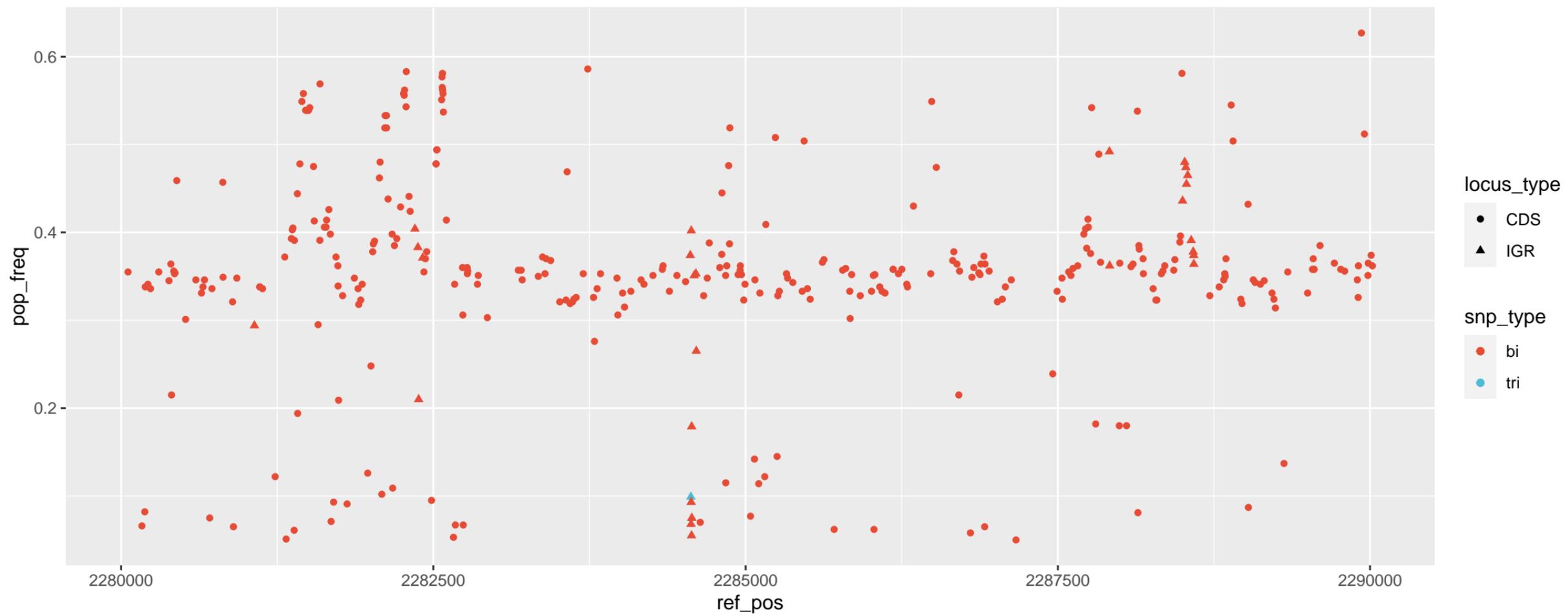
## UHGG143505\_1:2260052-2270052



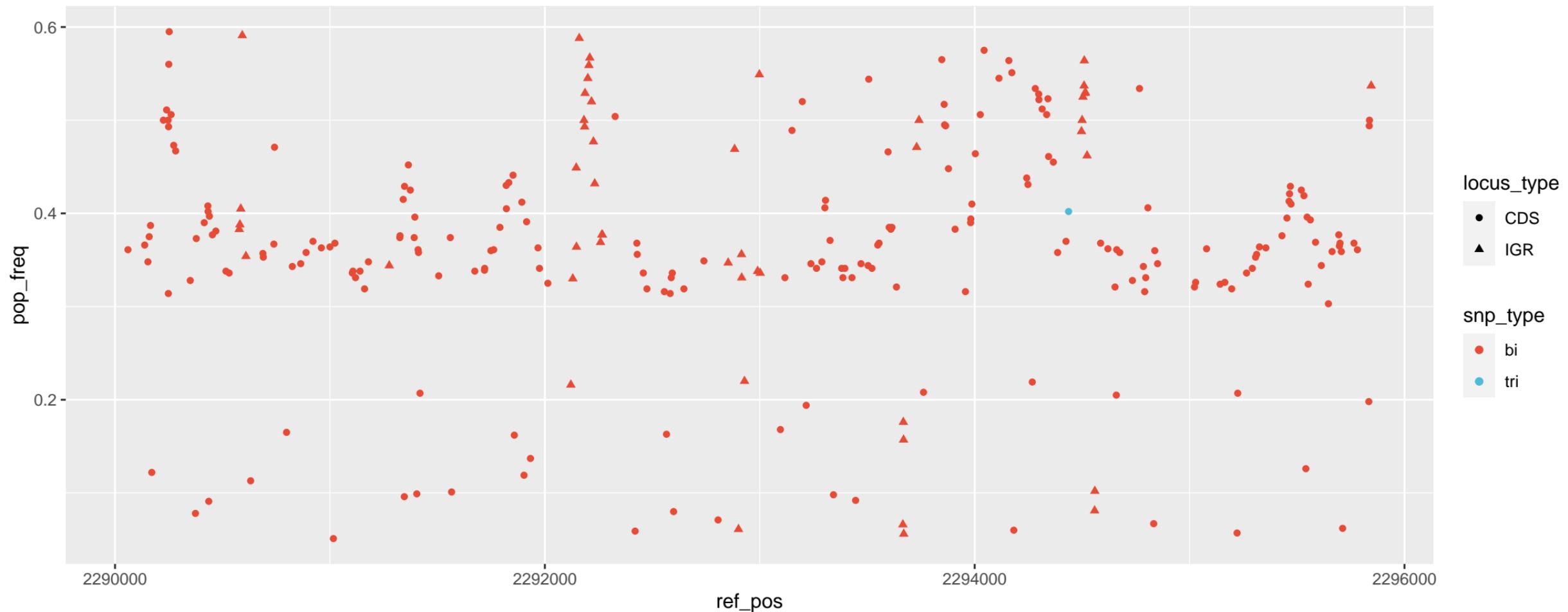
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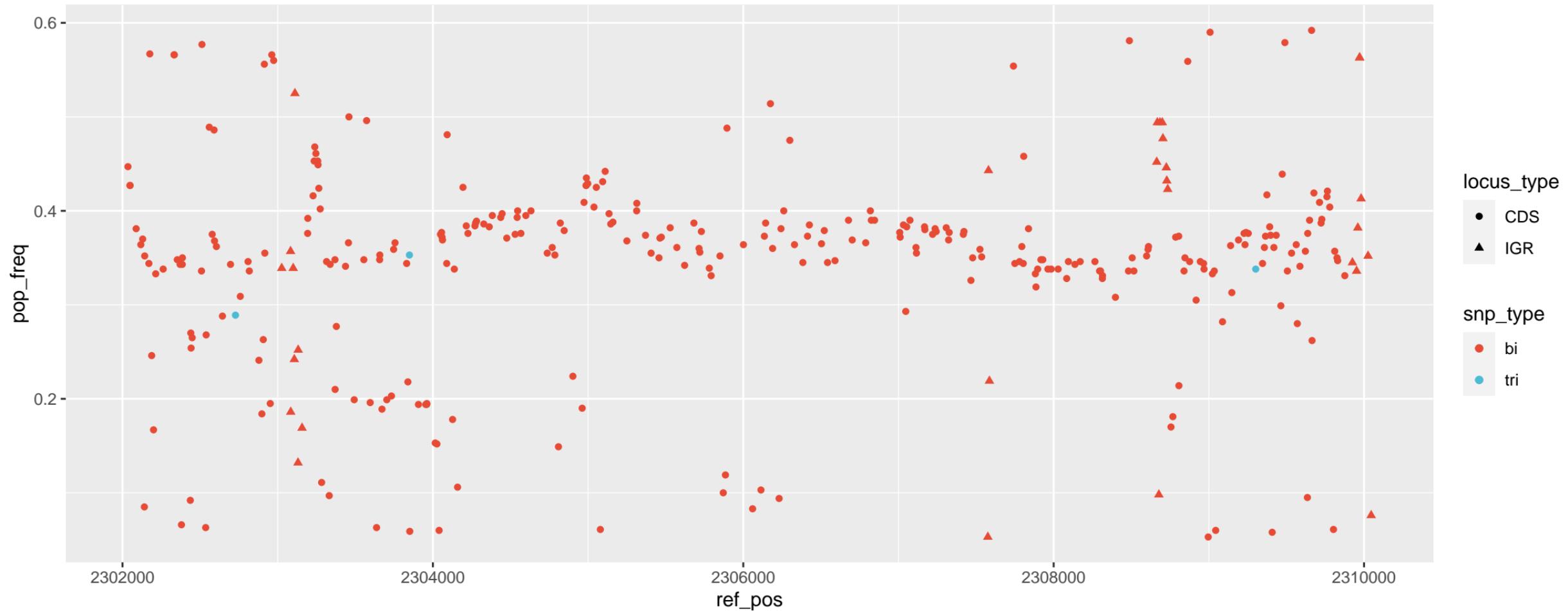
## UHGG143505\_1:2280052–2290052



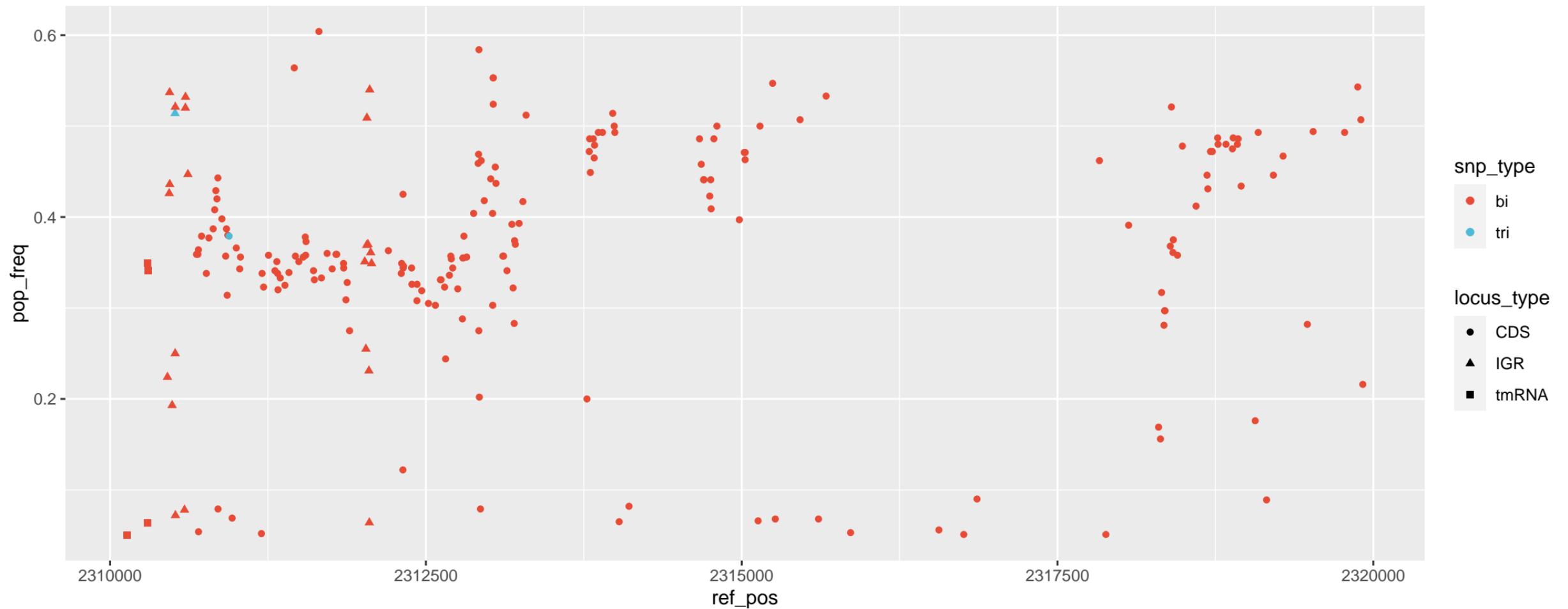
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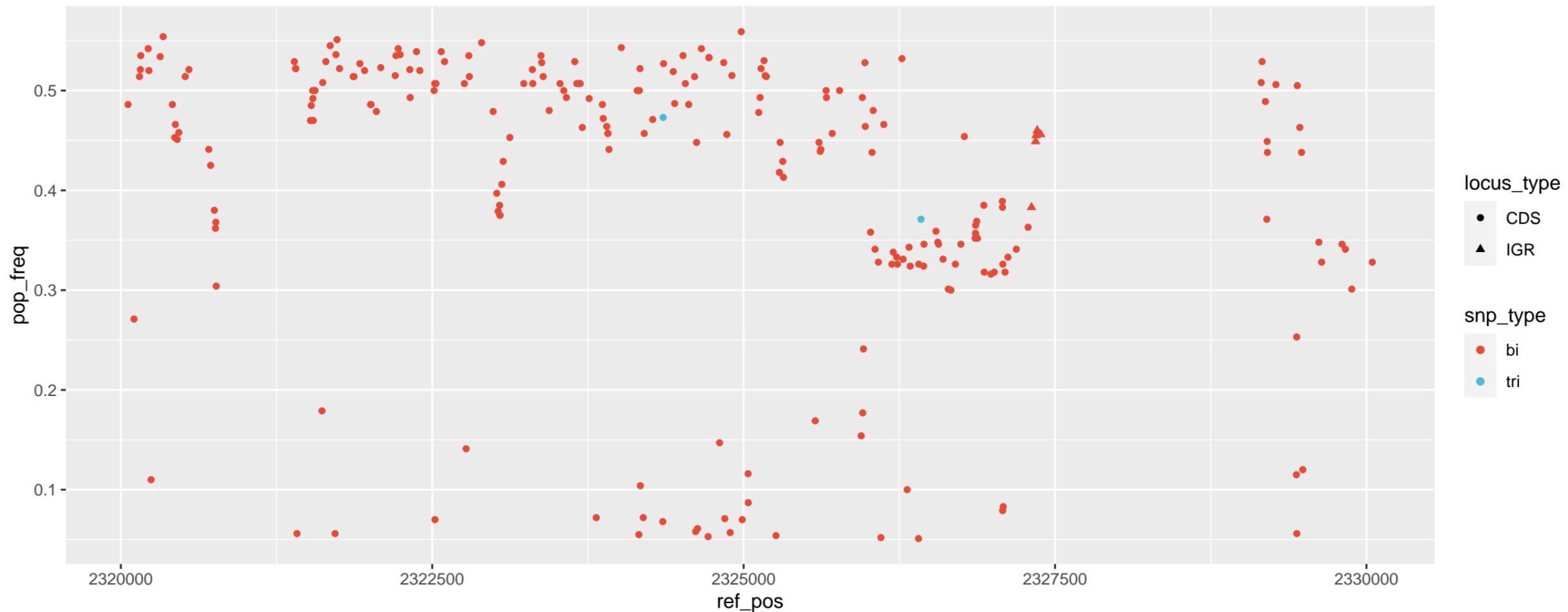
## UHGG143505\_1:2300052–2310052



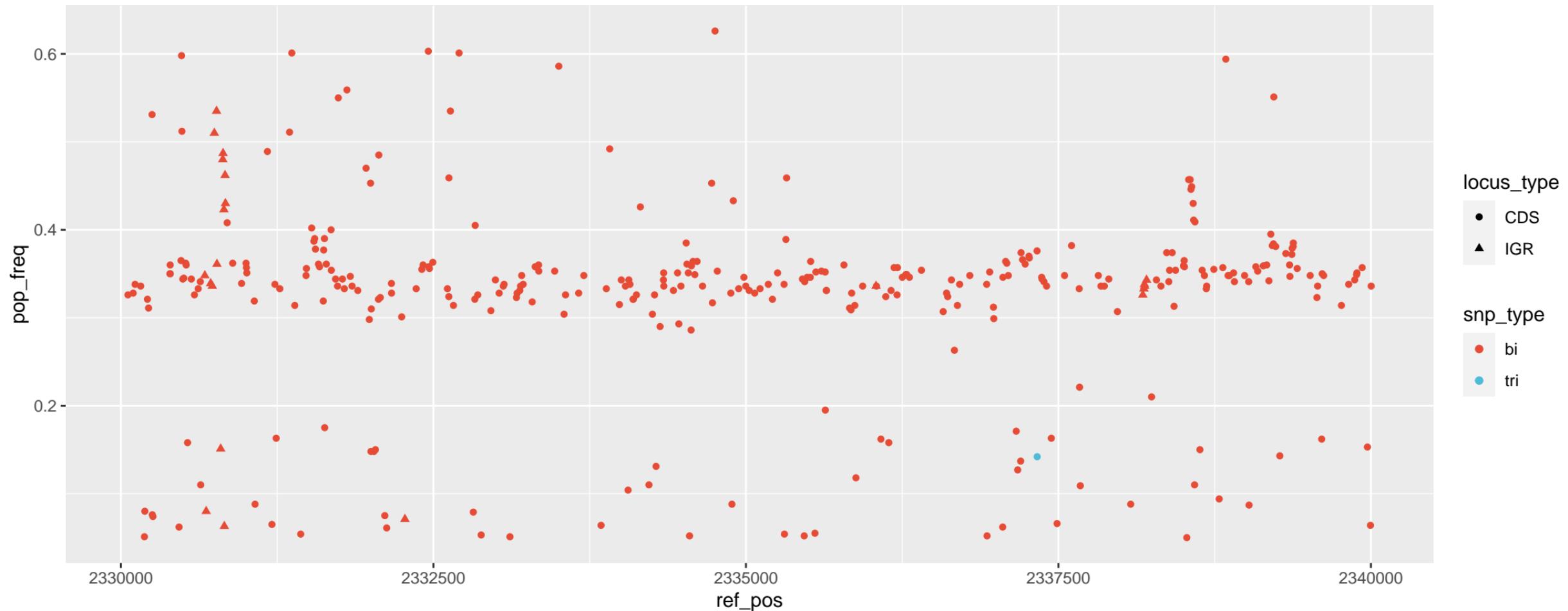
## UHGG143505\_1:2310052–2320052



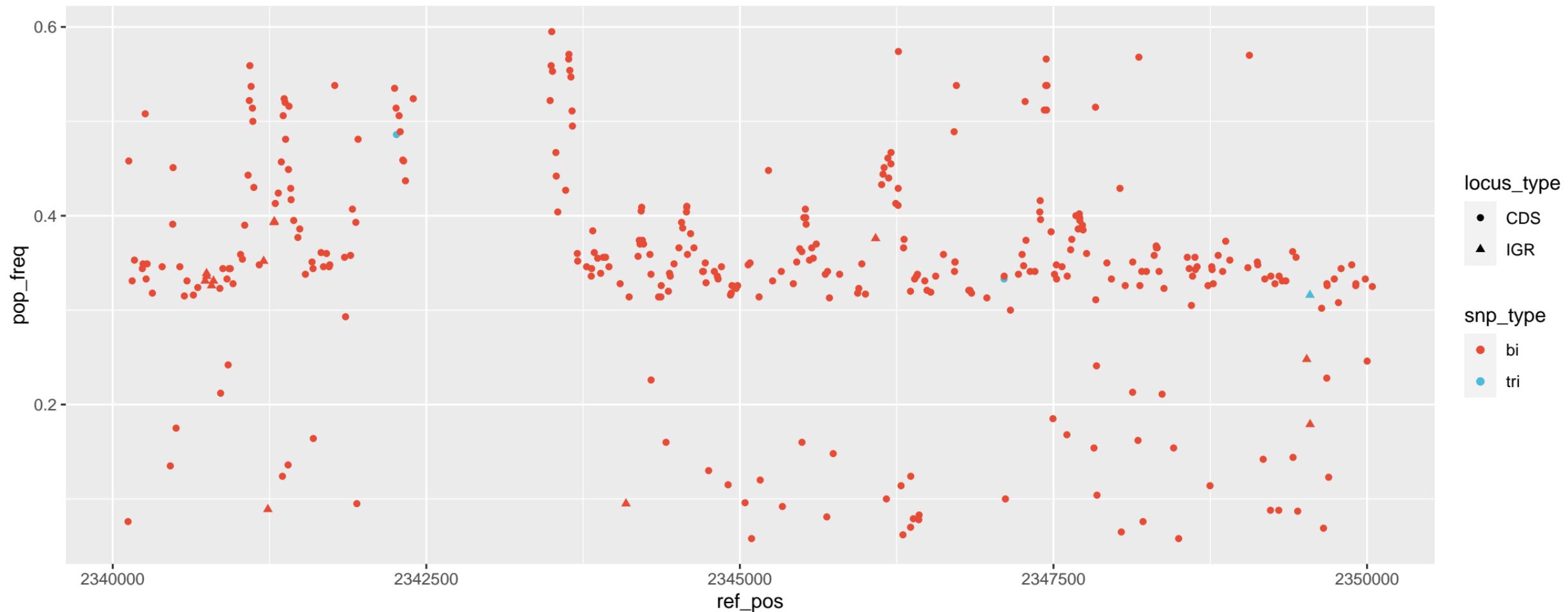
## UHGG143505\_1:2320052–2330052



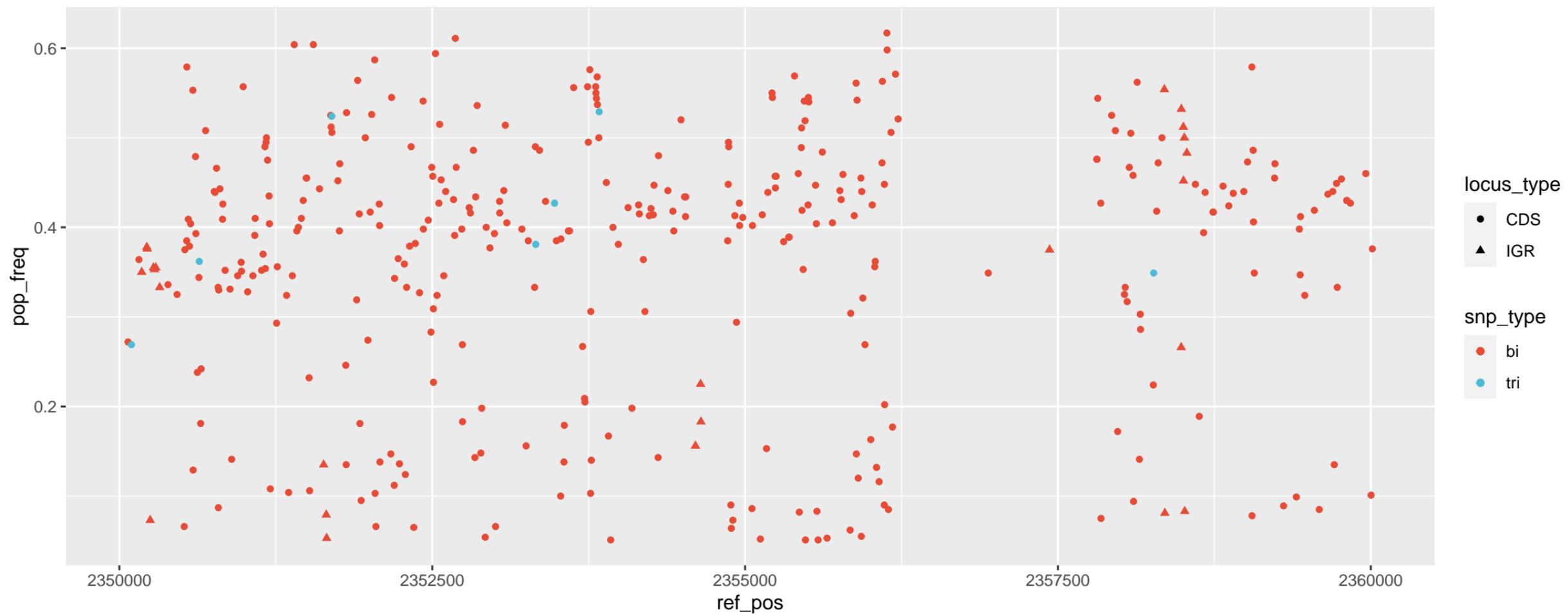
## UHGG143505\_1:2330052–2340052



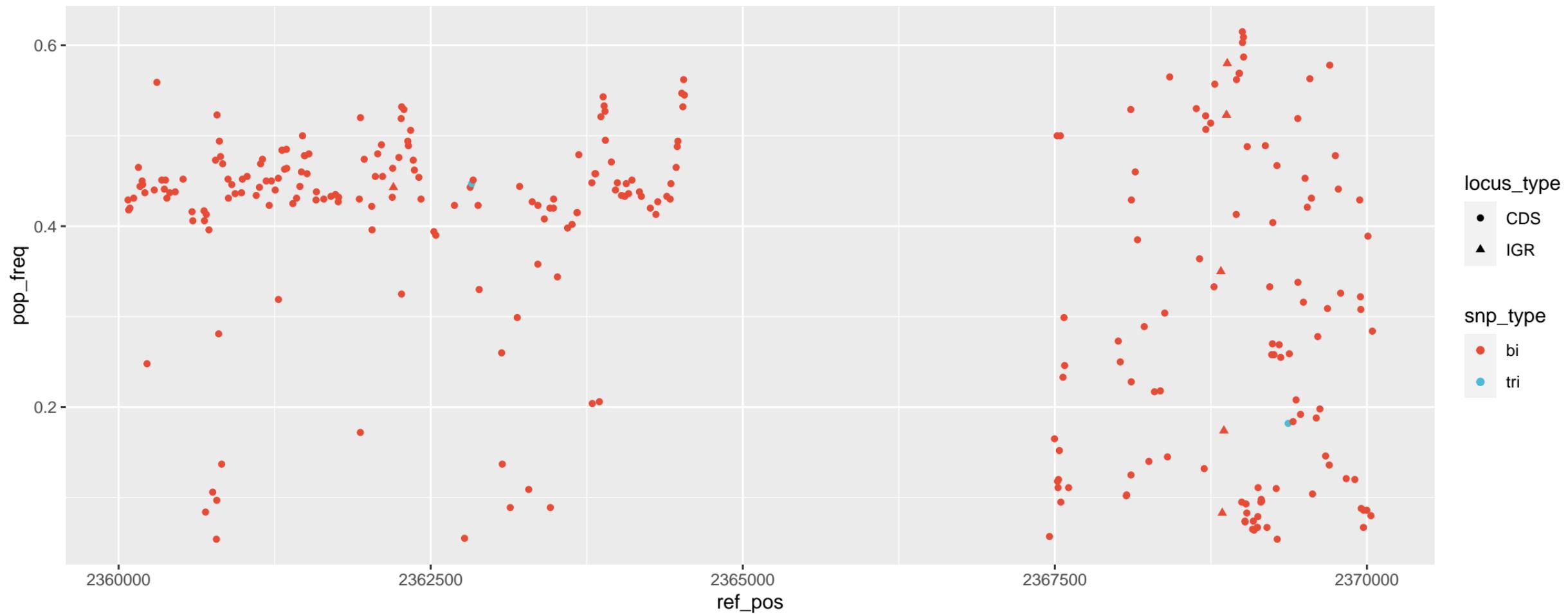
## UHGG143505\_1:2340052–2350052



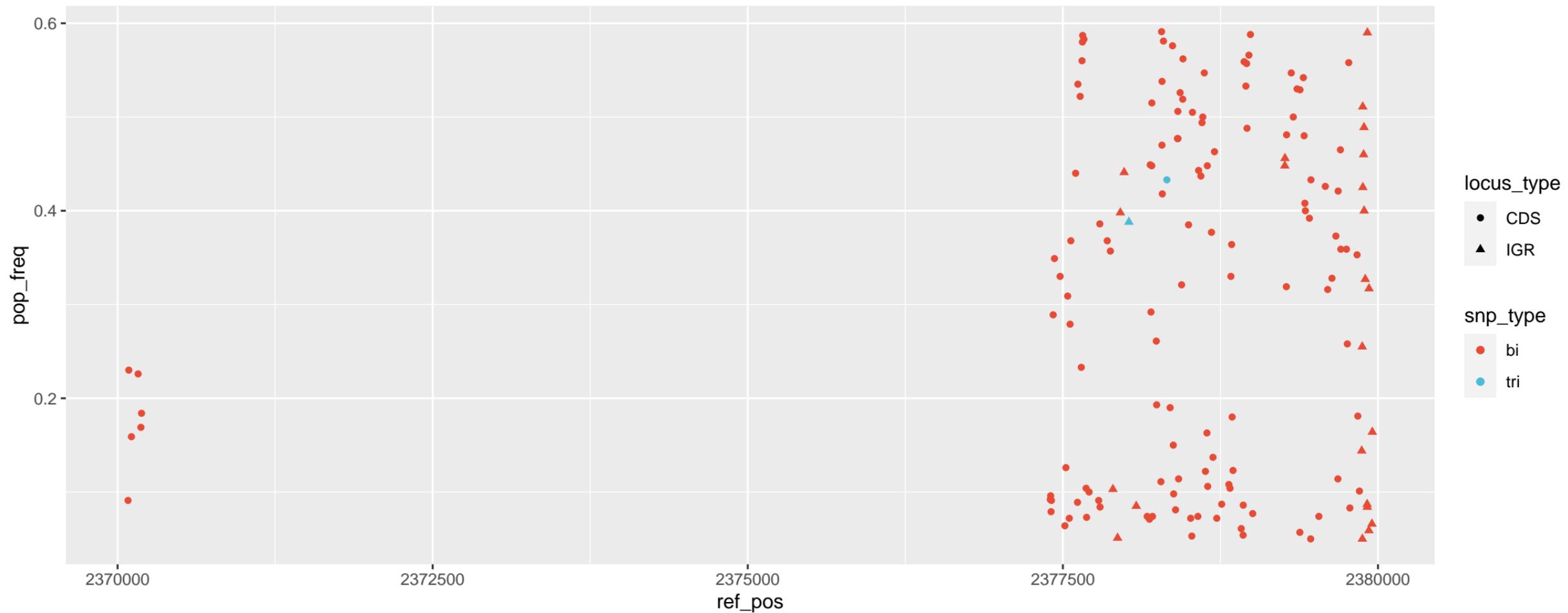
## UHGG143505\_1:2350052–2360052



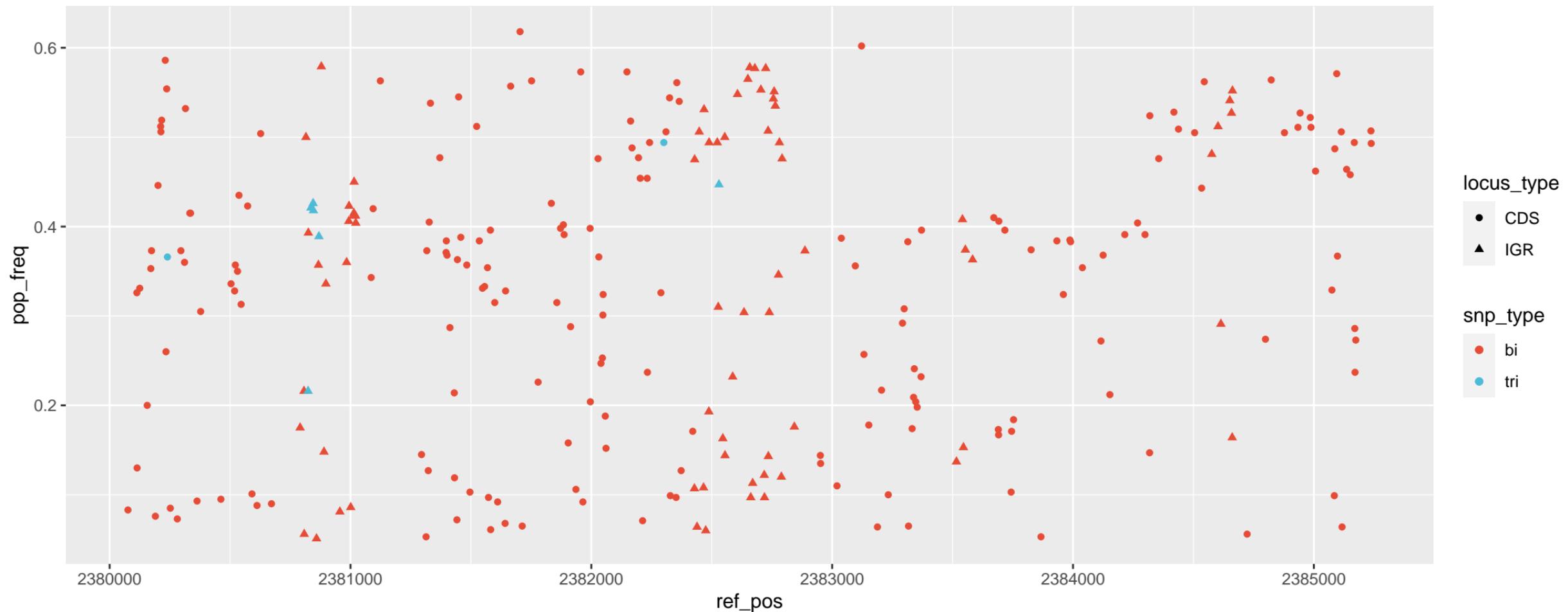
## UHGG143505\_1:2360052–2370052



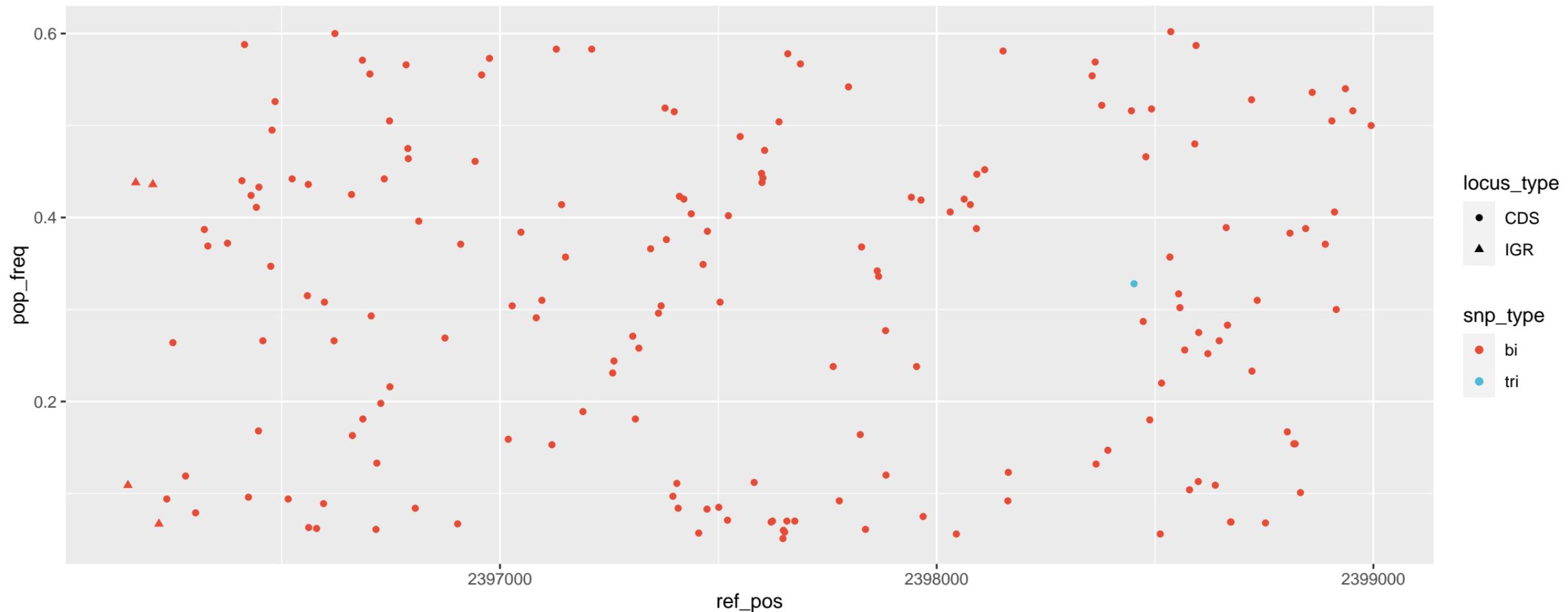
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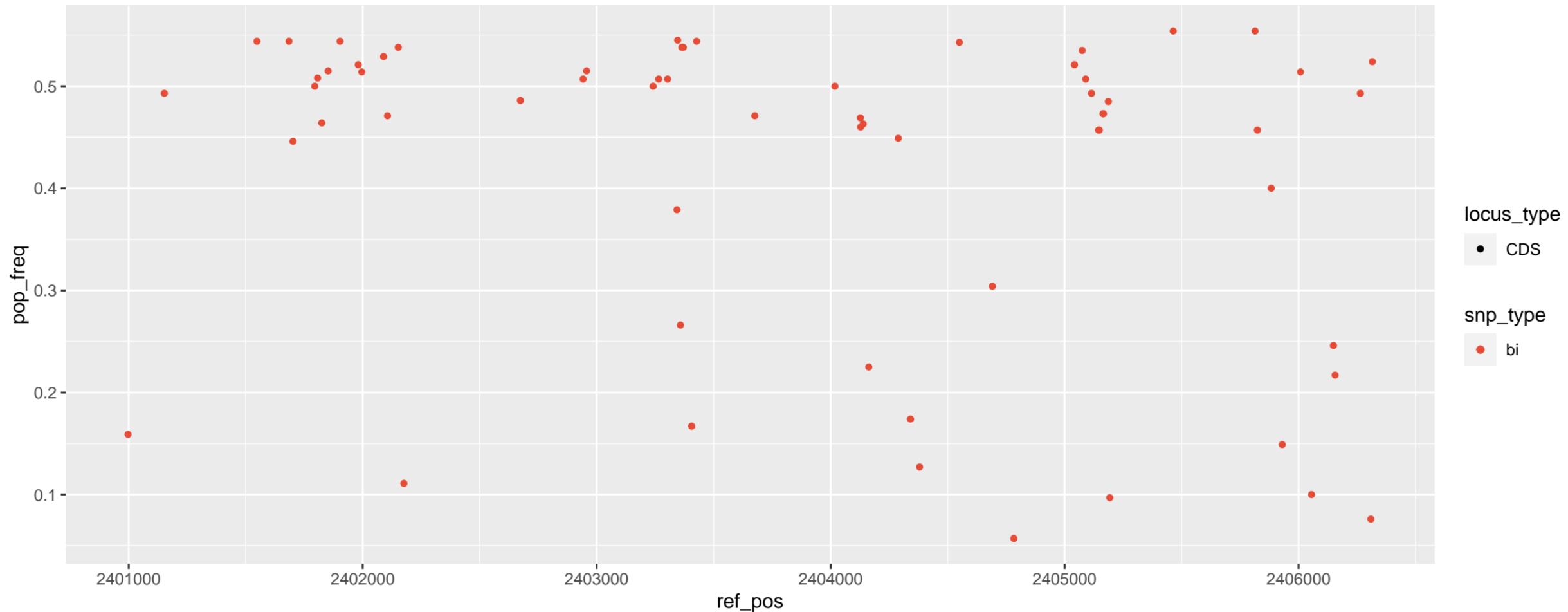
## UHGG143505\_1:2380052–2390052



## UHGG143505\_1:2390052–2400052



## UHGG143505\_1:2400052–2410052



UHGG143505\_1:2410052–2420052

pop\_freq

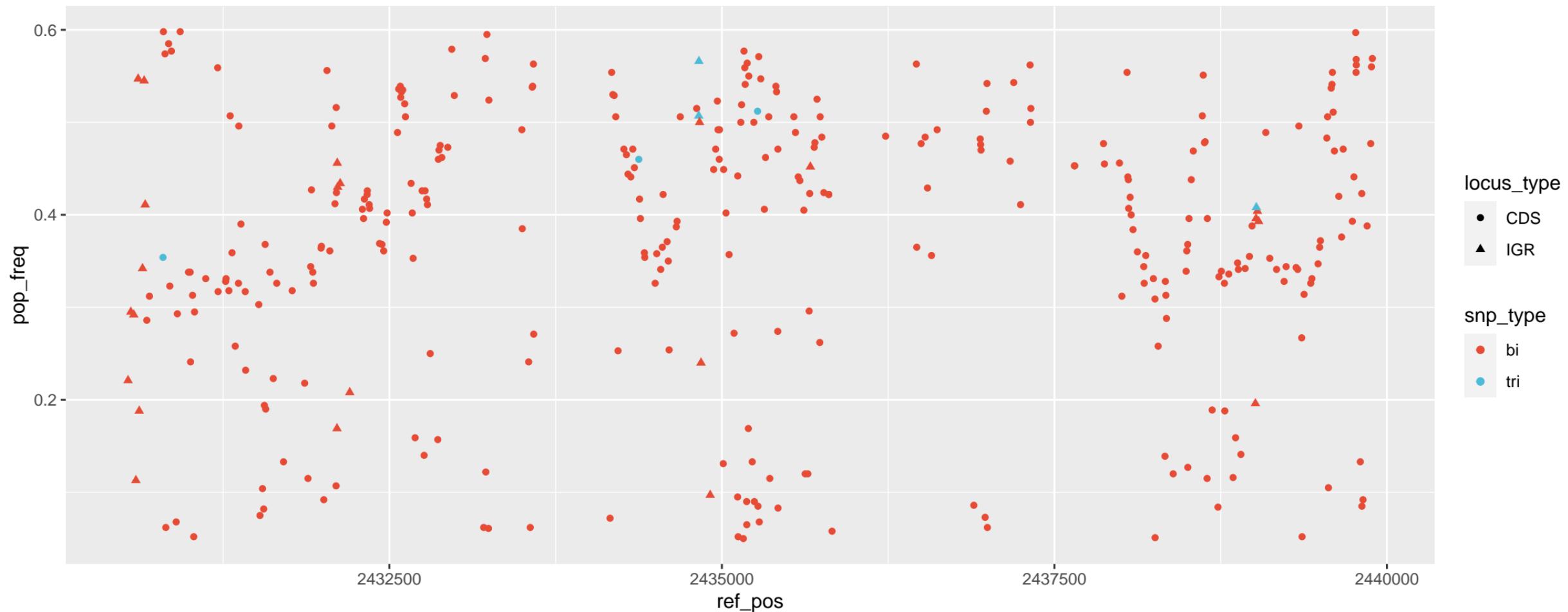
ref\_pos

UHGG143505\_1:2420052–2430052

pop\_freq

ref\_pos

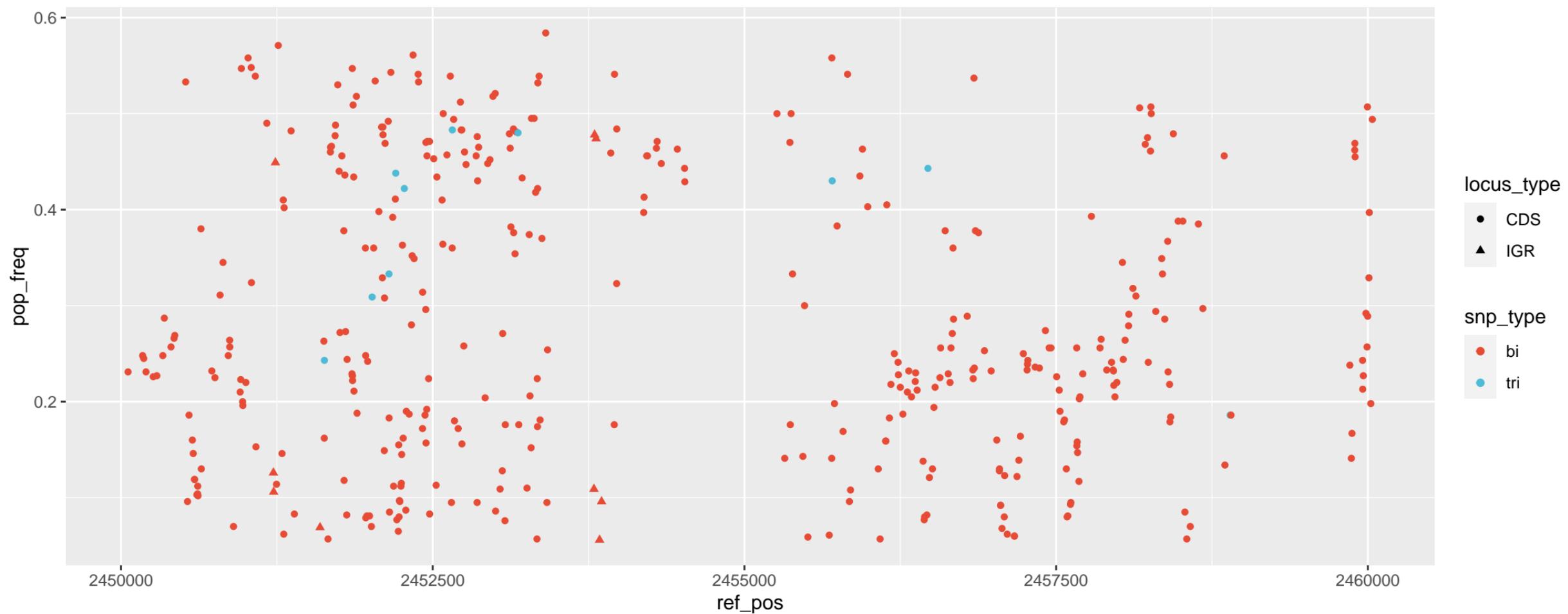
## UHGG143505\_1:2430052–2440052



## UHGG143505\_1:2440052-2450052



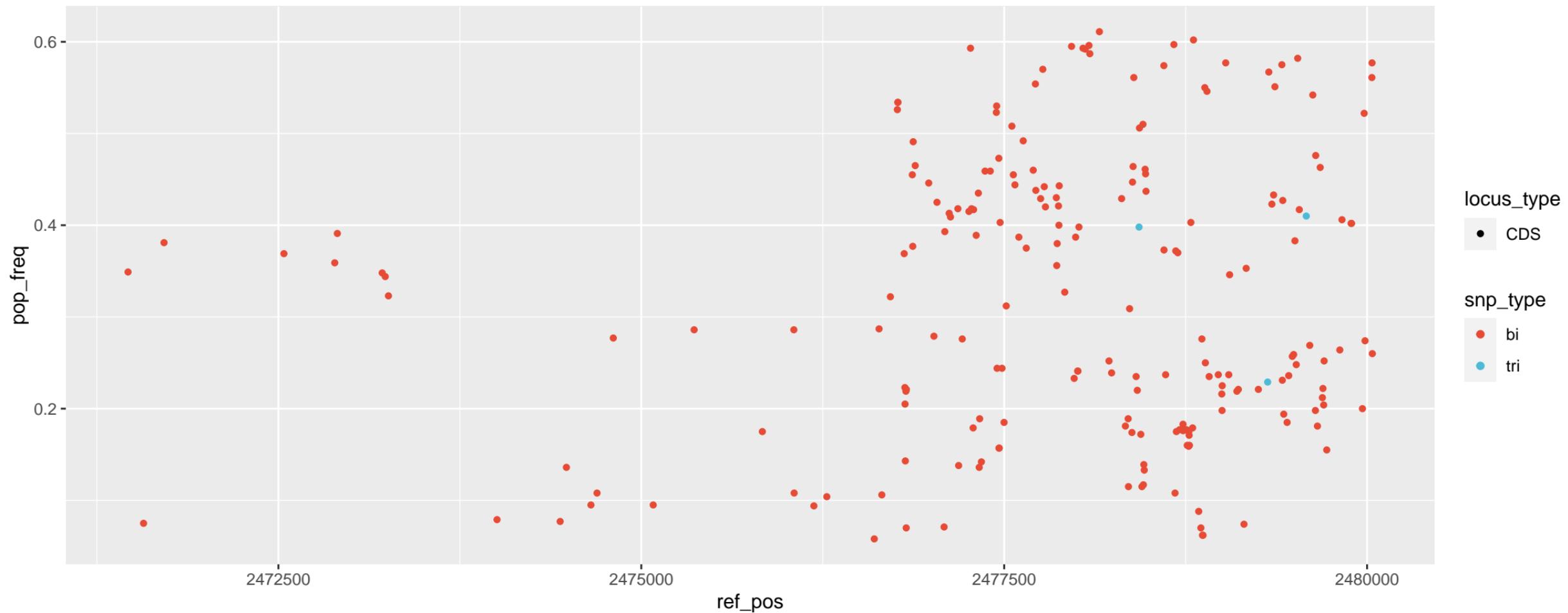
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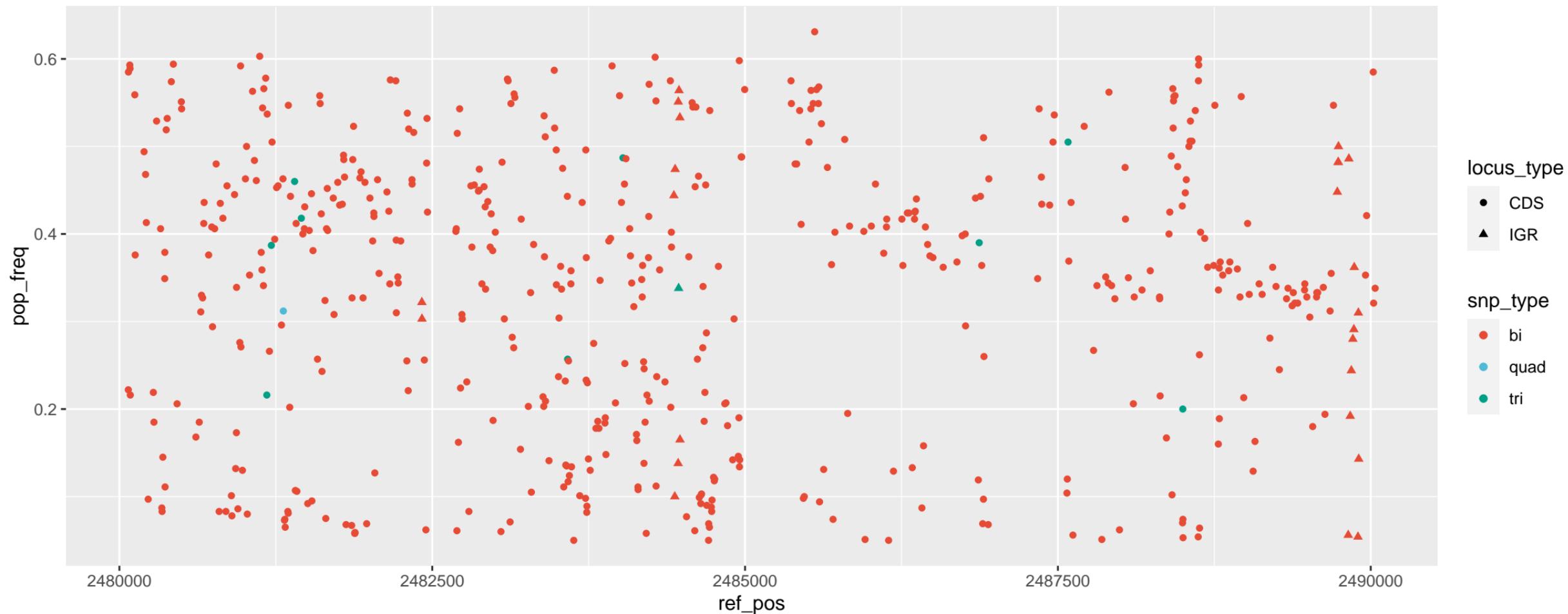
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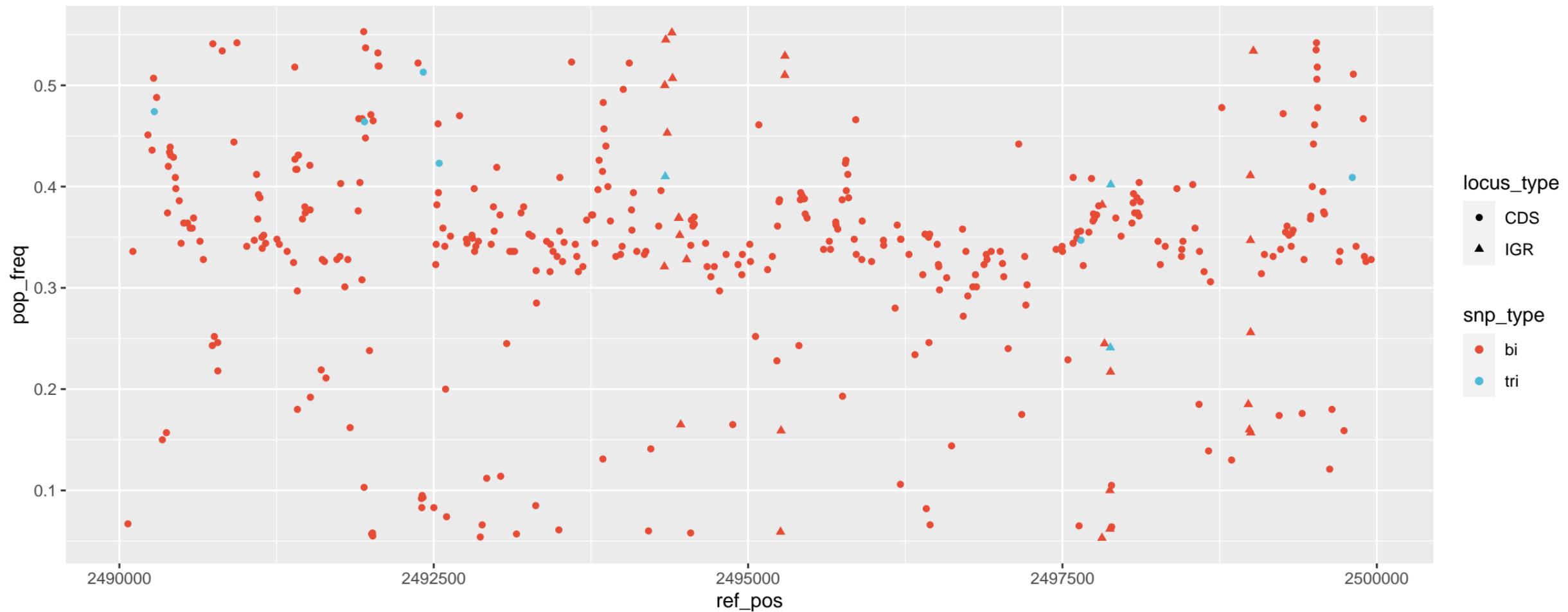
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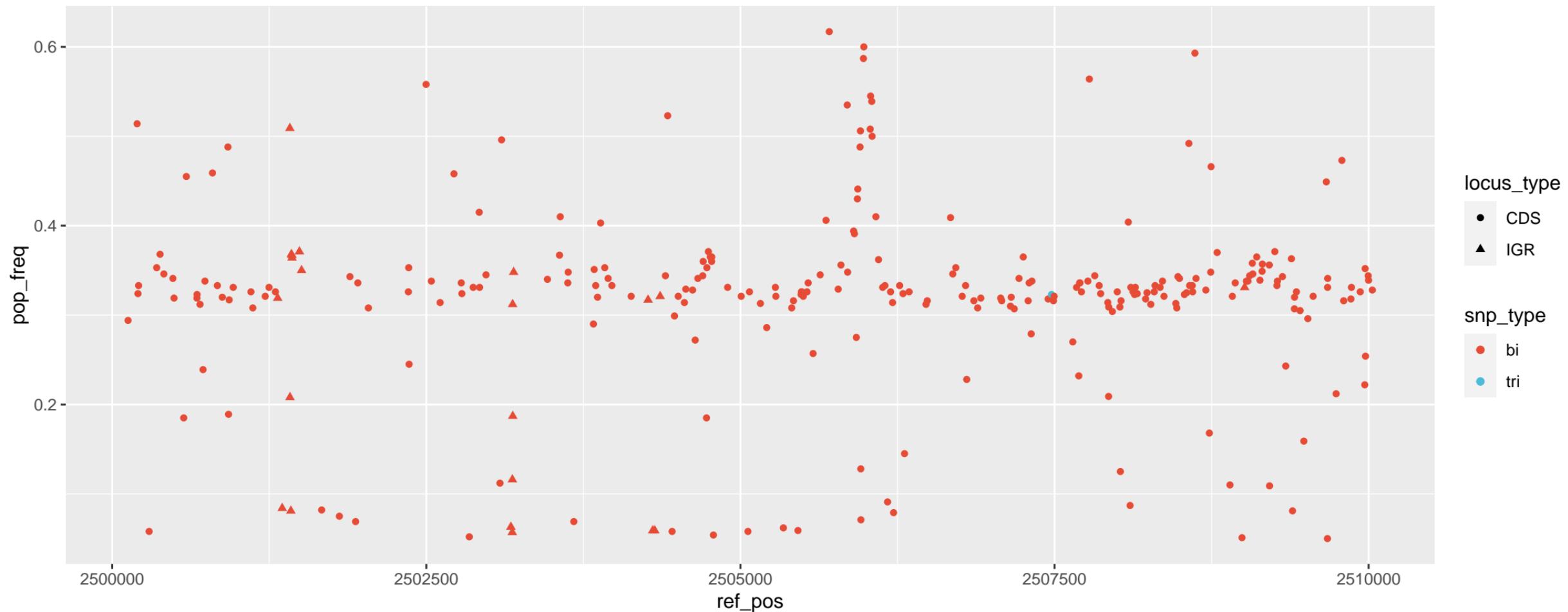
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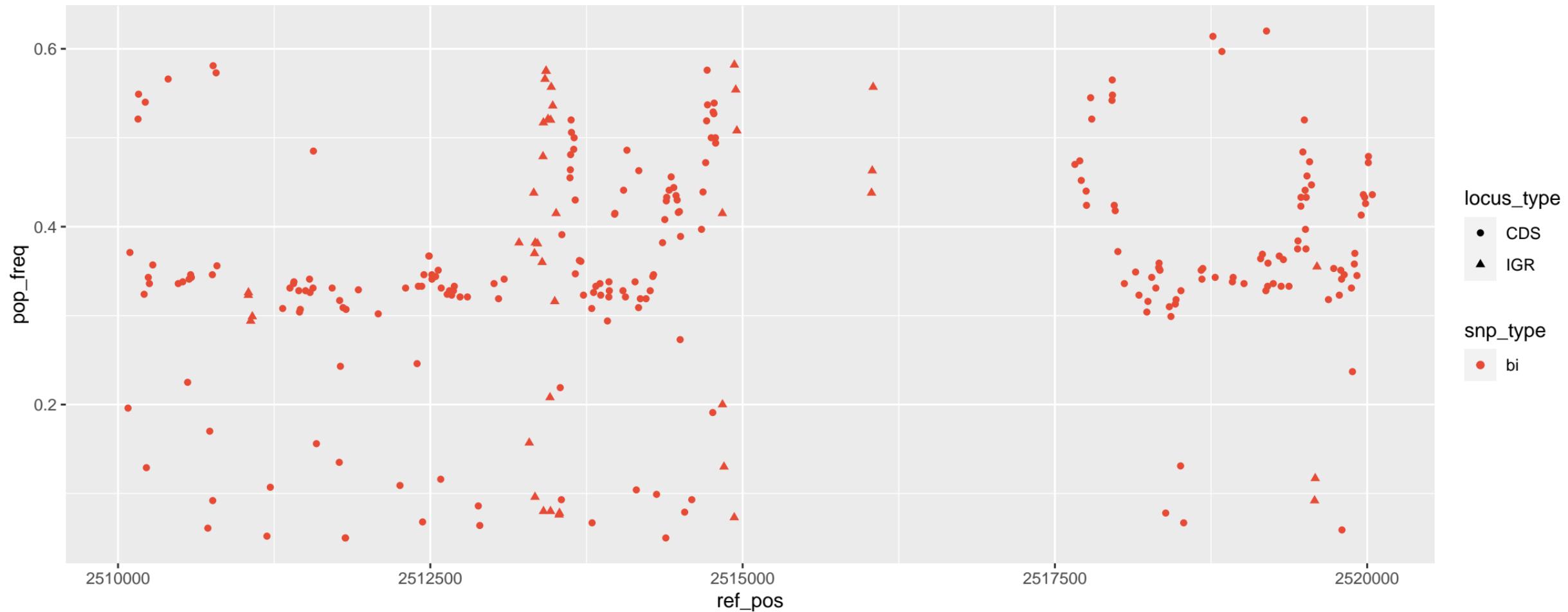
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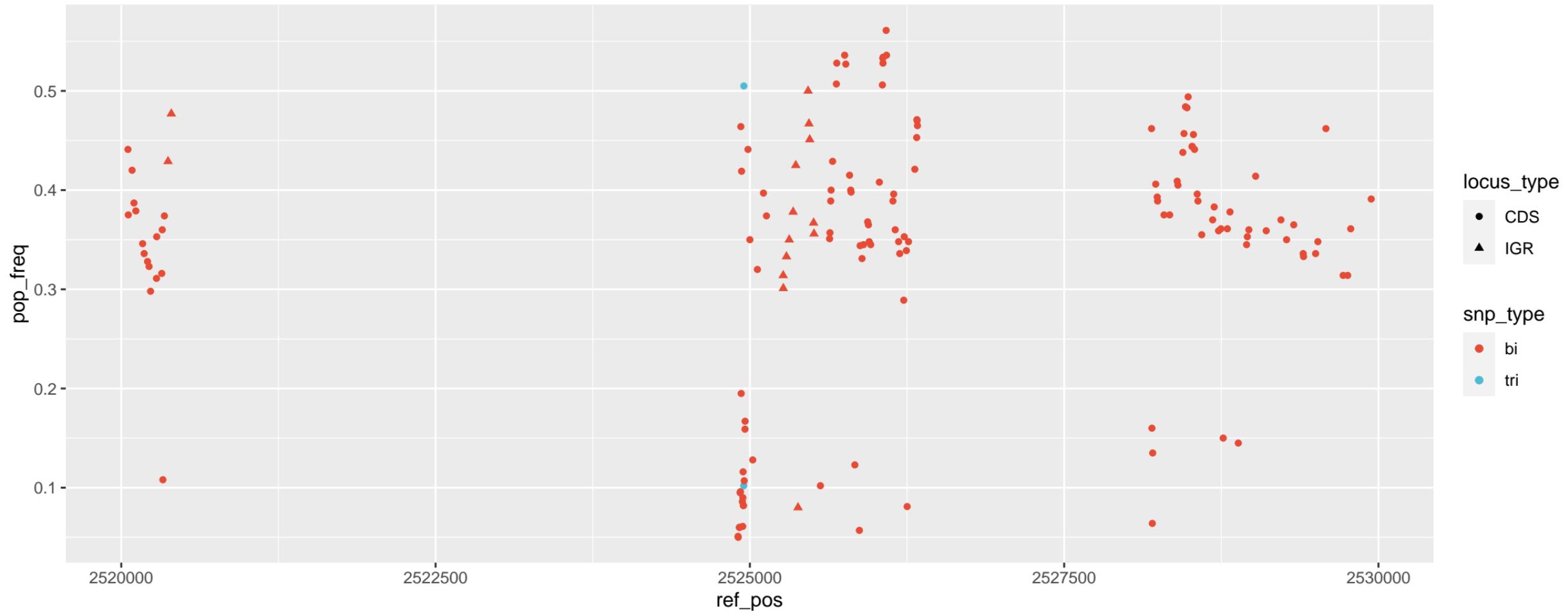
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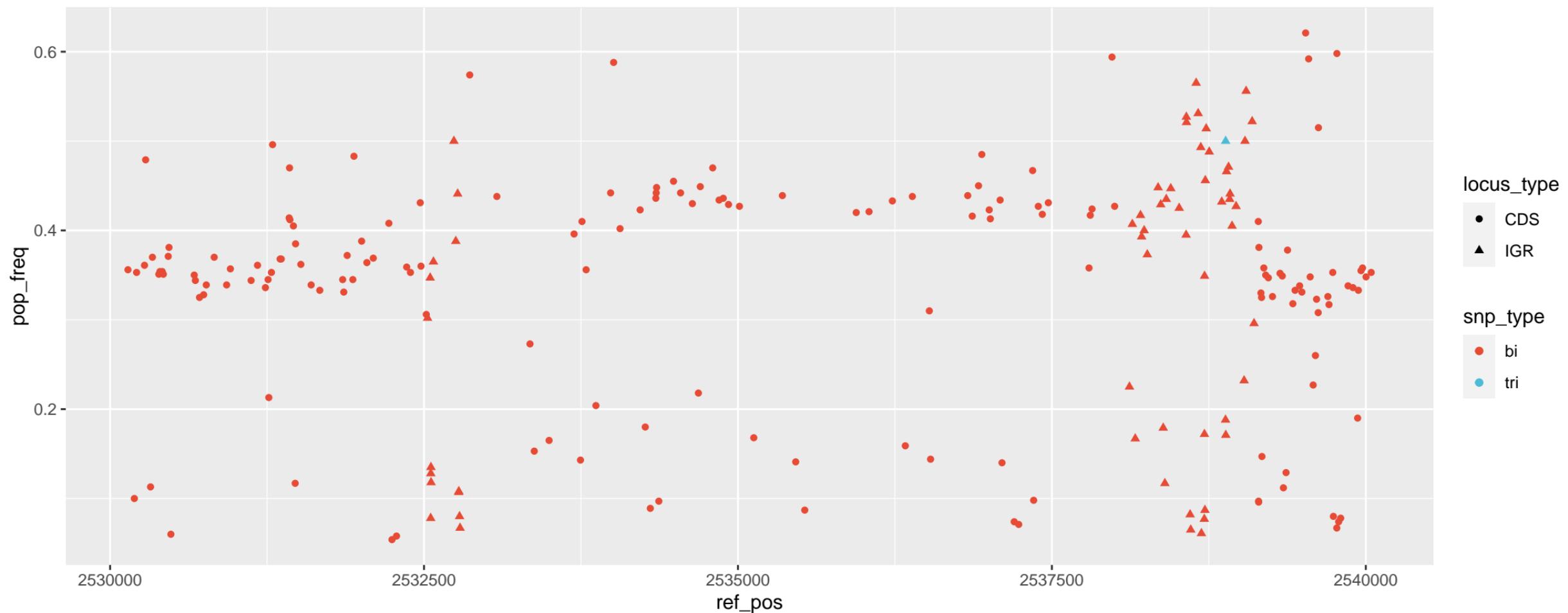
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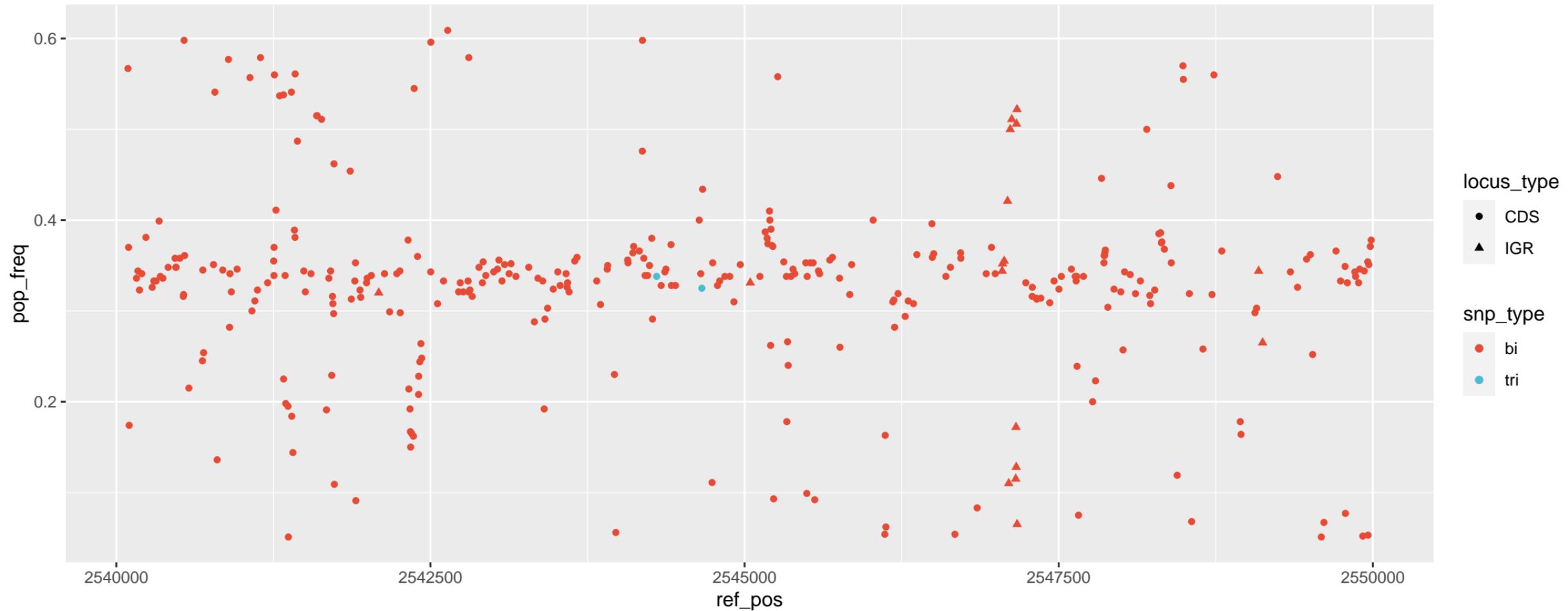
## UHGG143505\_1:2520052–2530052



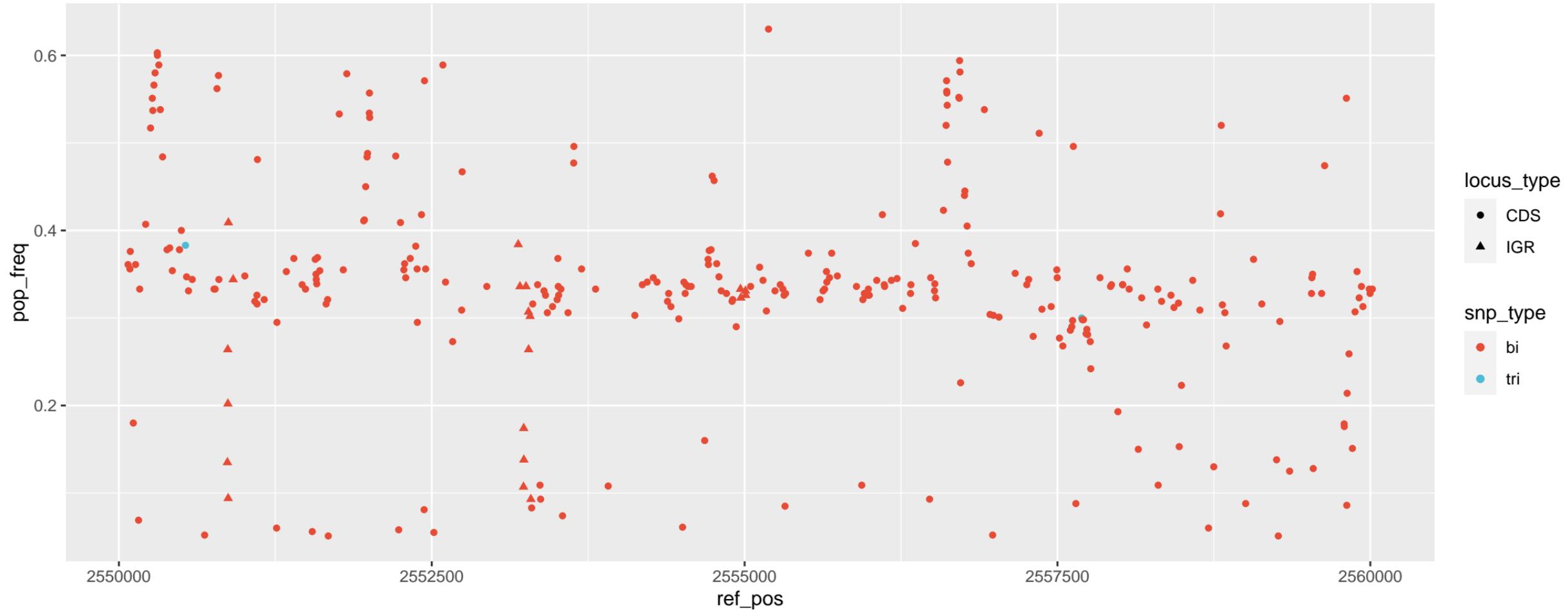
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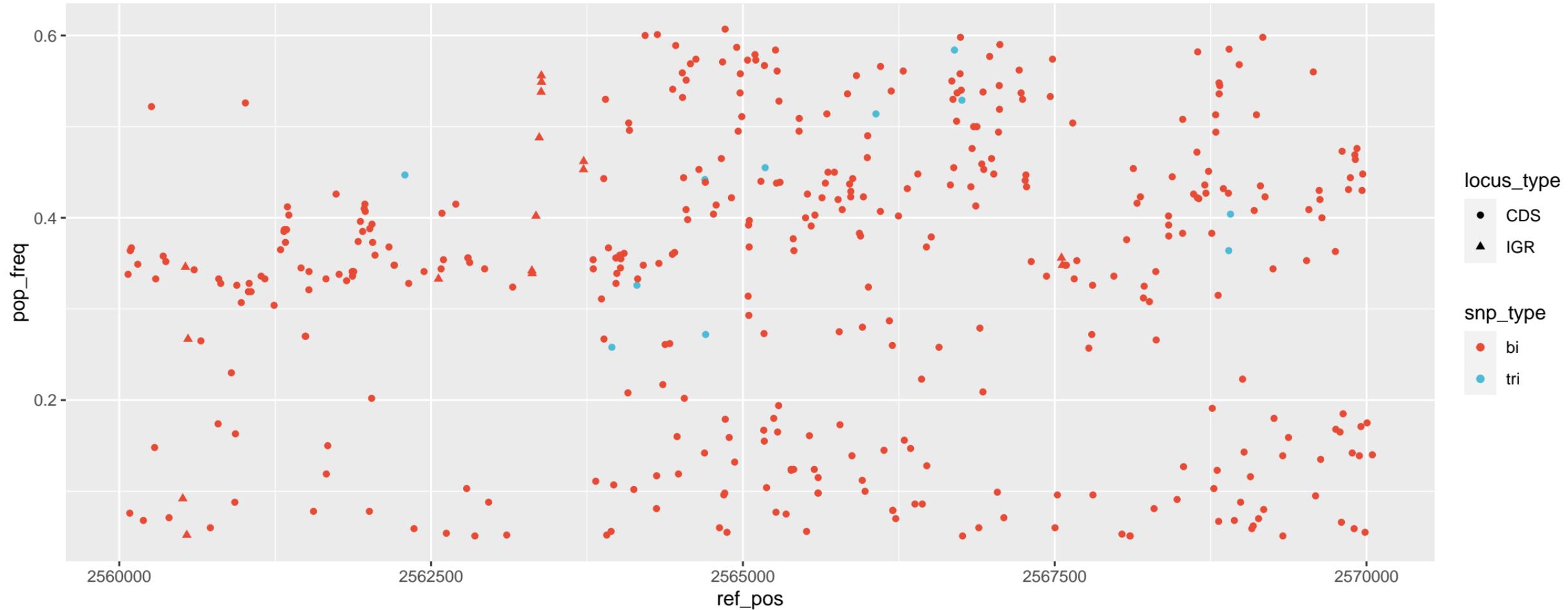
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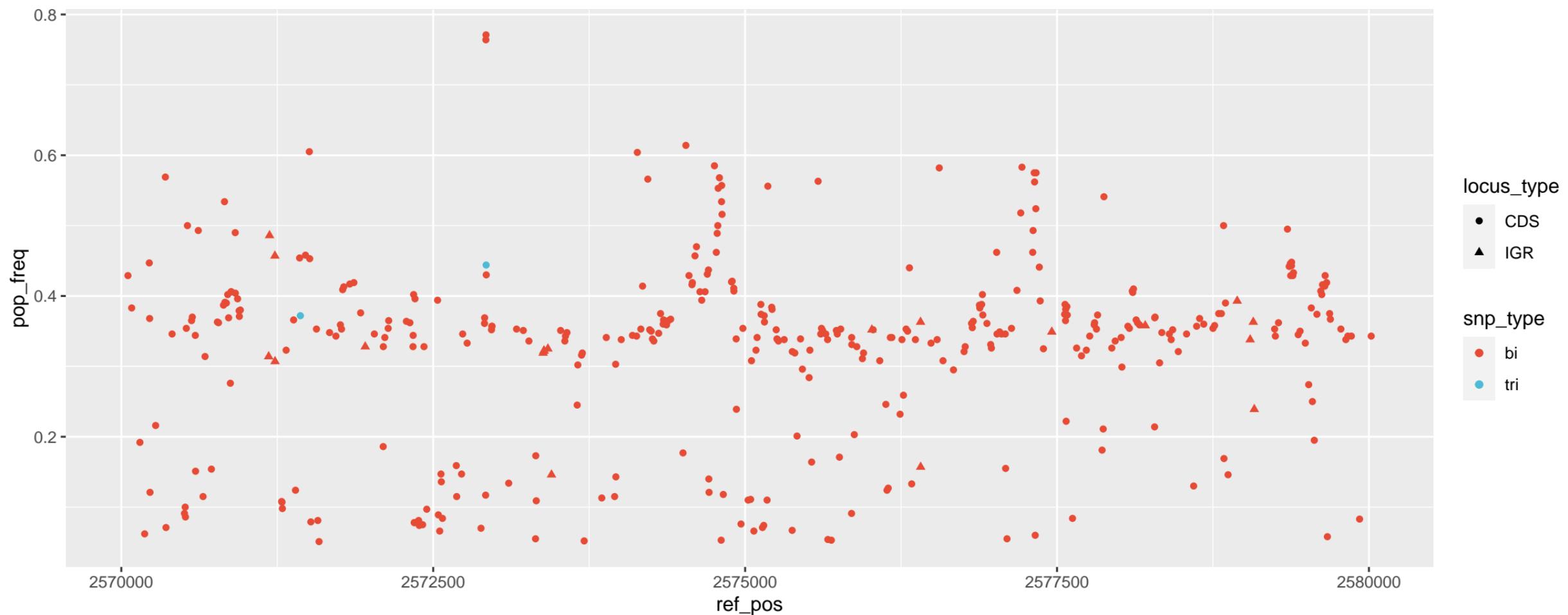
## UHGG143505\_1:2550052–2560052



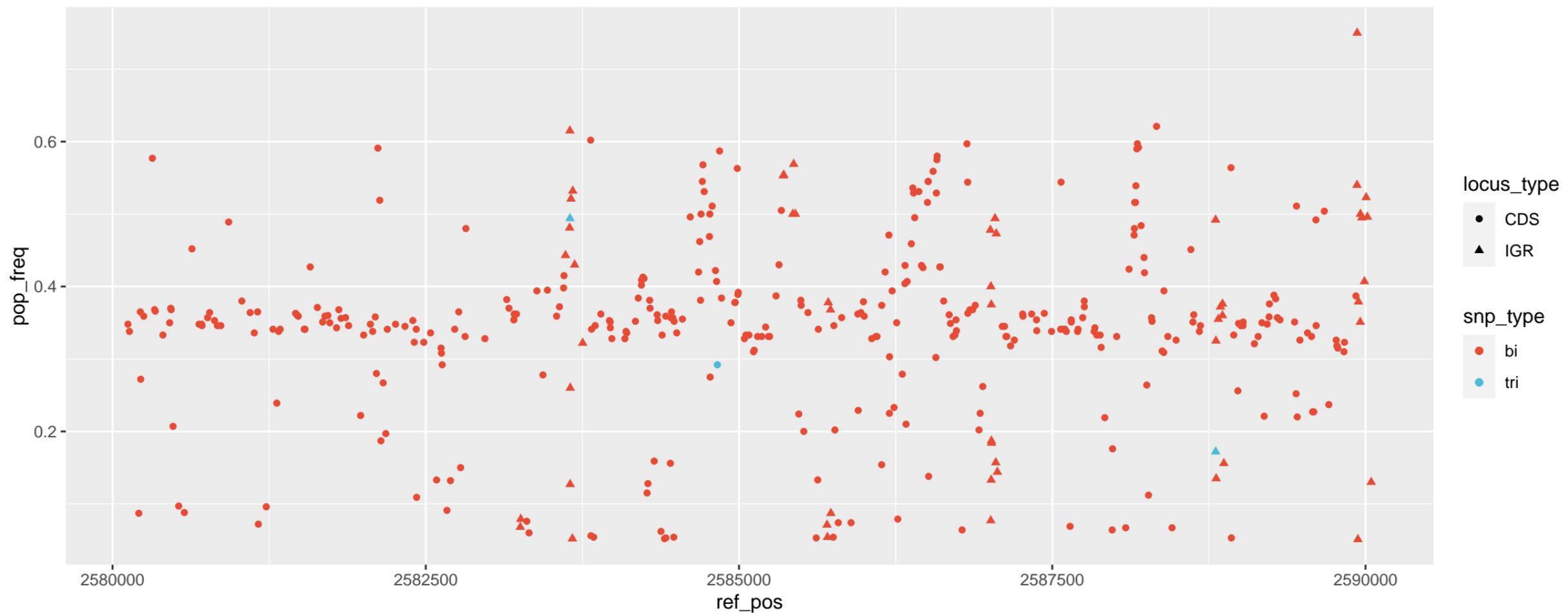
## UHGG143505\_1:2560052-2570052



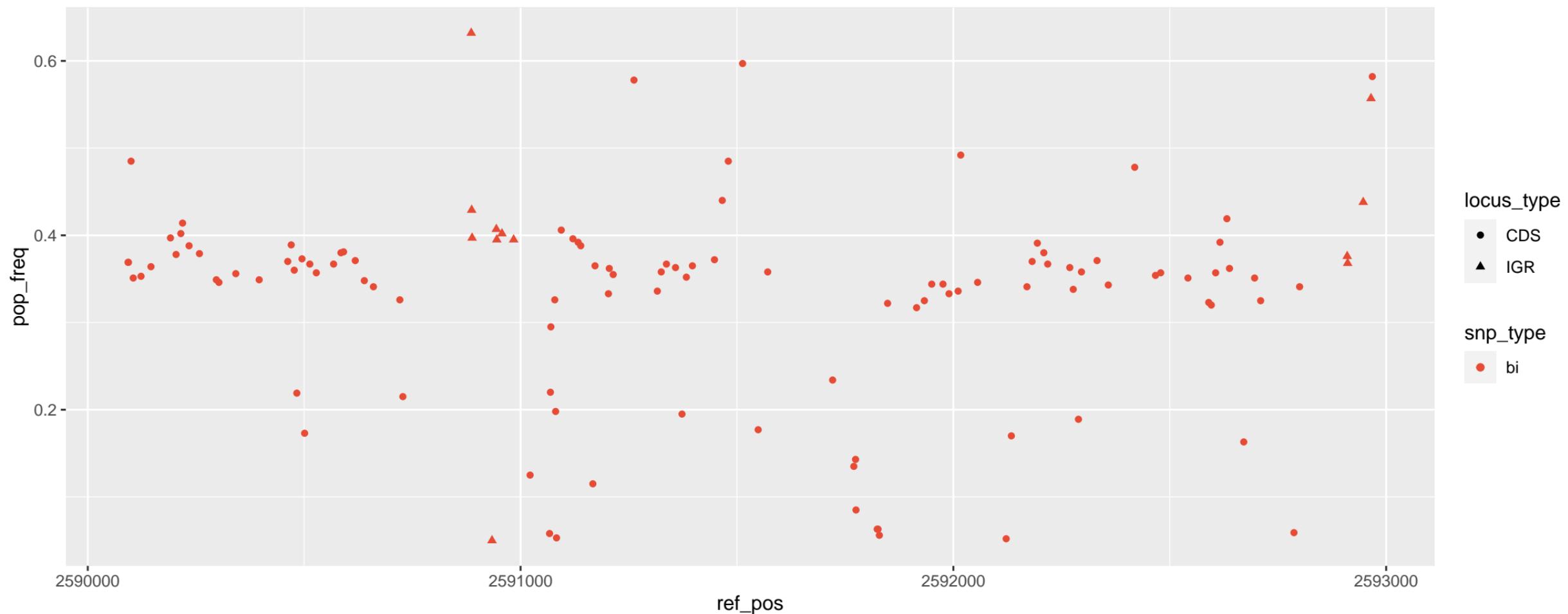
## UHGG143505\_1:2570052–2580052



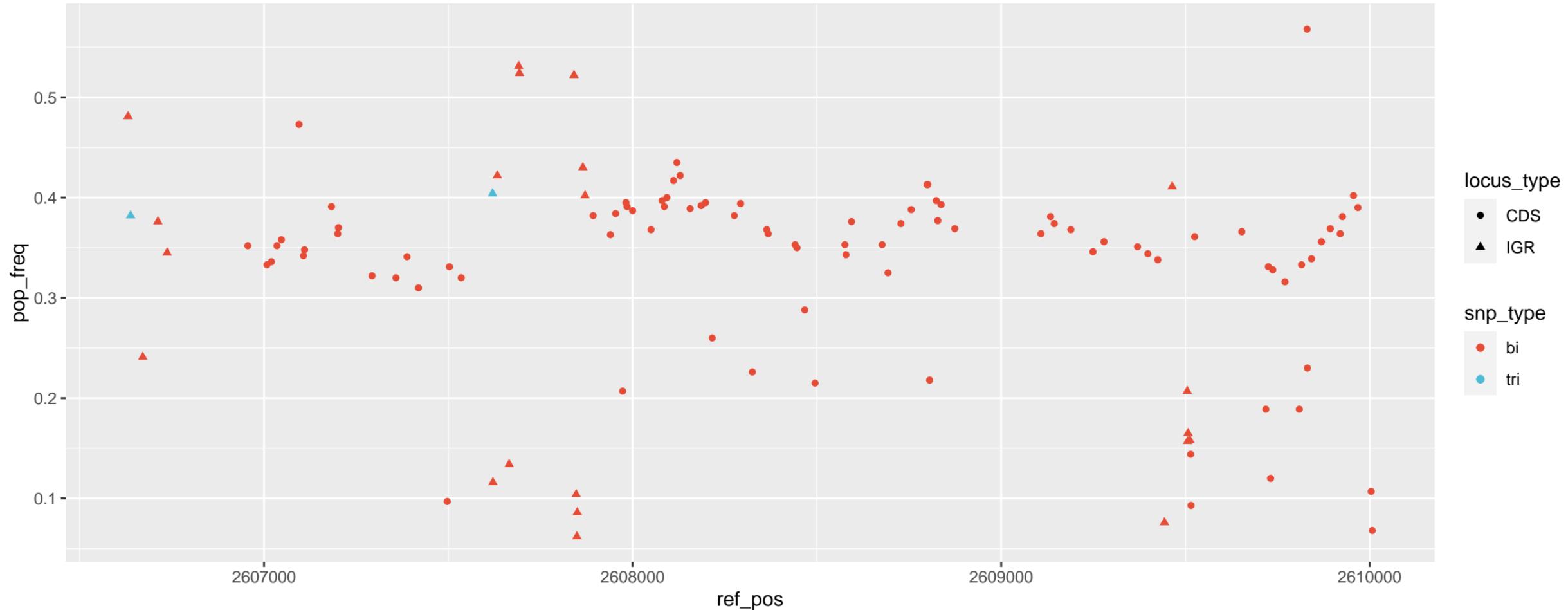
## UHGG143505\_1:2580052–2590052



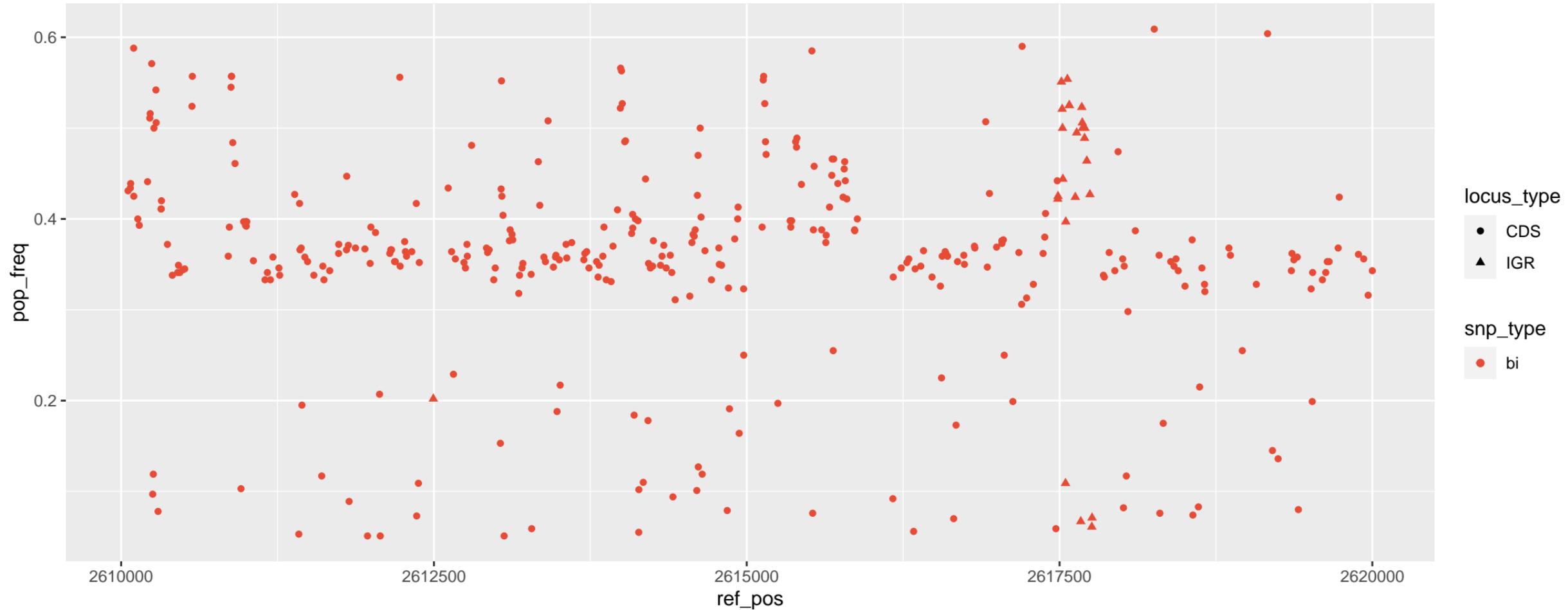
UHGG143505\_1:2590052–2600052



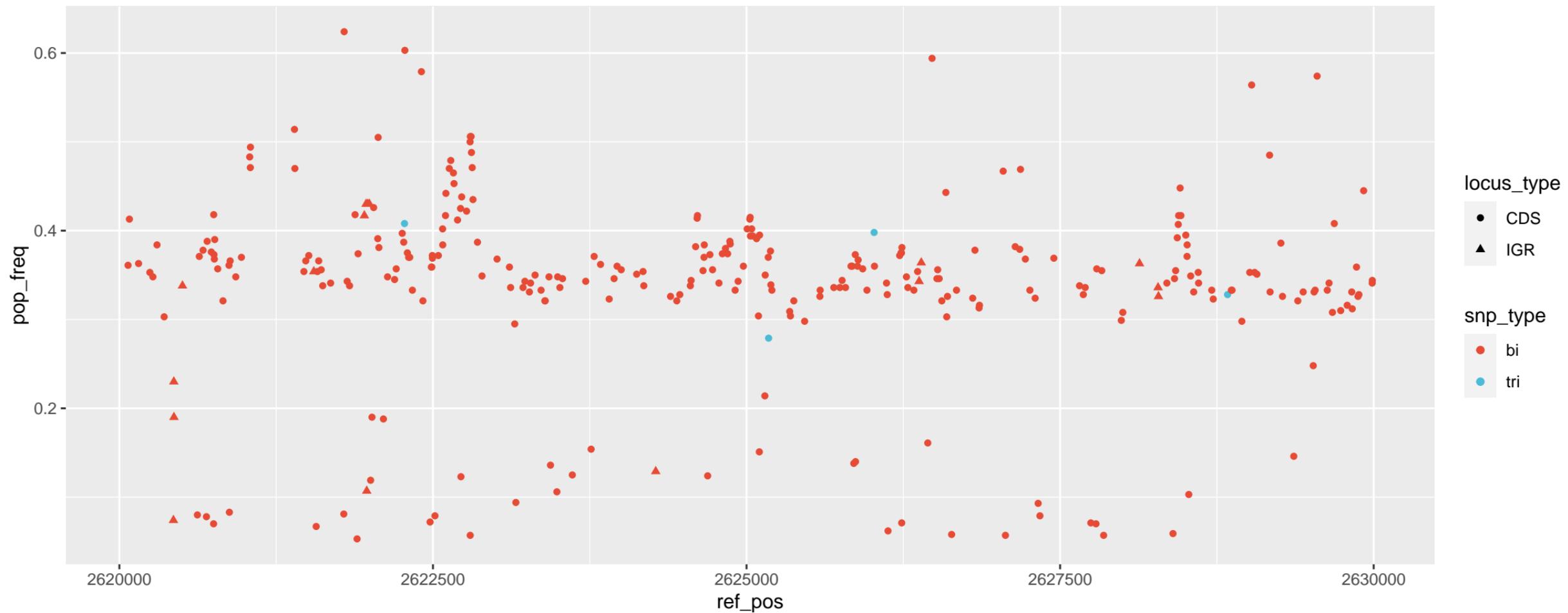
## UHGG143505\_1:2600052–2610052



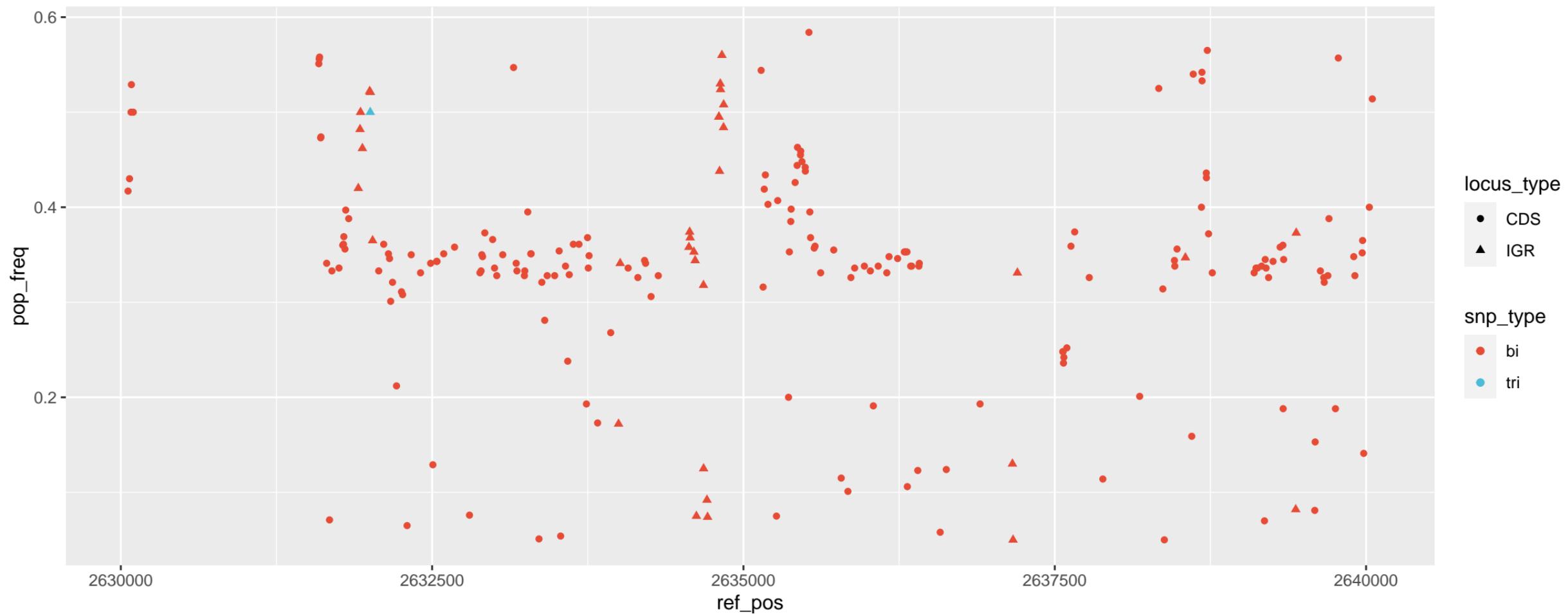
## UHGG143505\_1:2610052–2620052



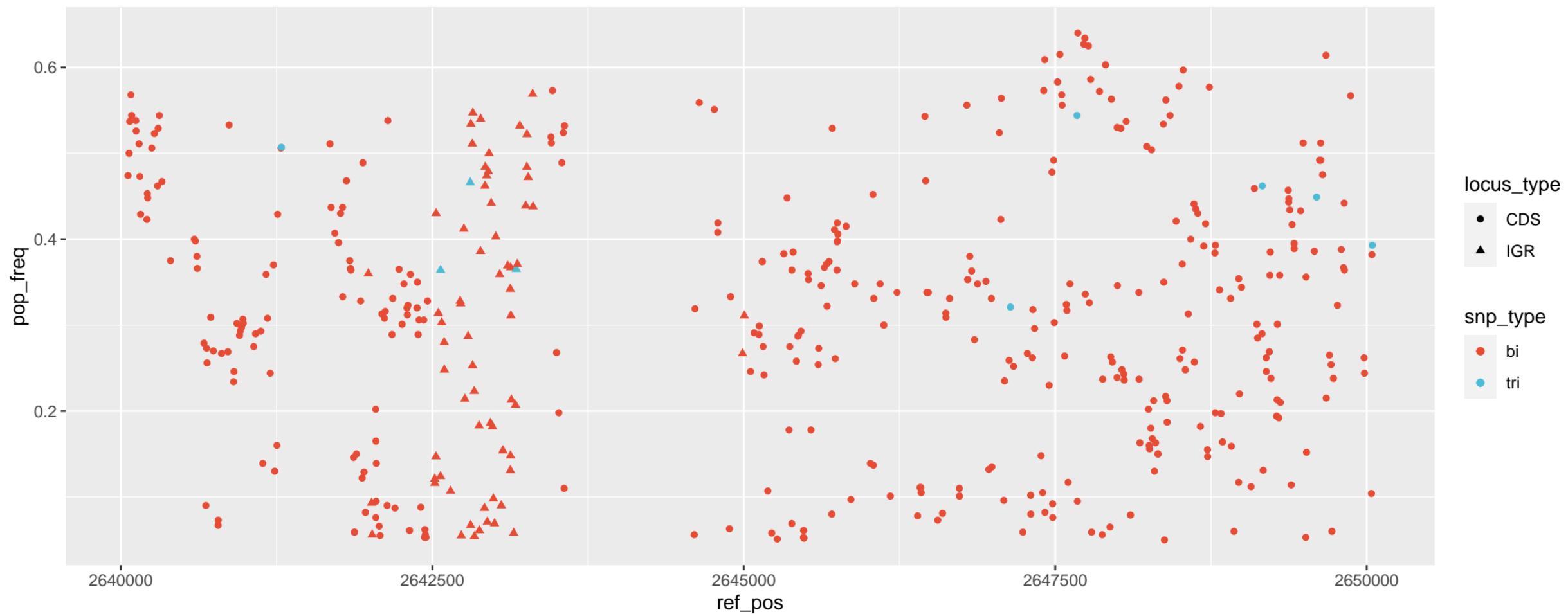
## UHGG143505\_1:2620052–2630052



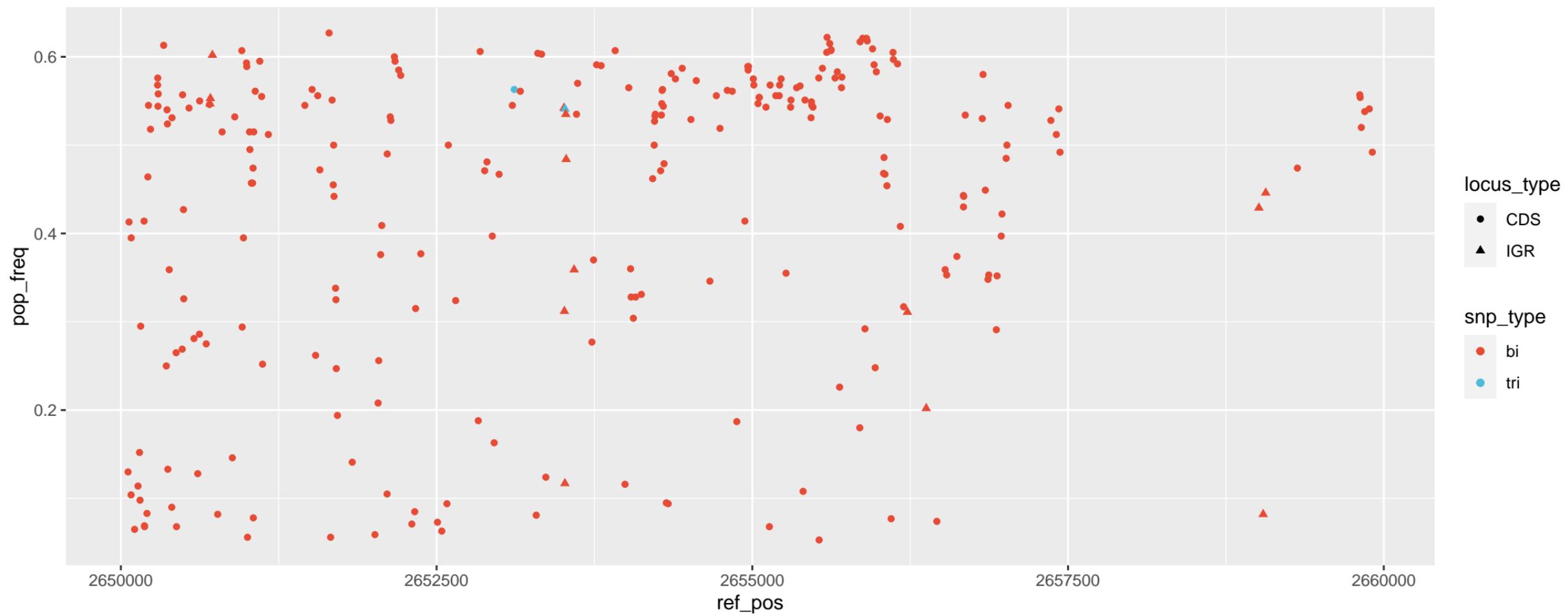
## UHGG143505\_1:2630052–2640052



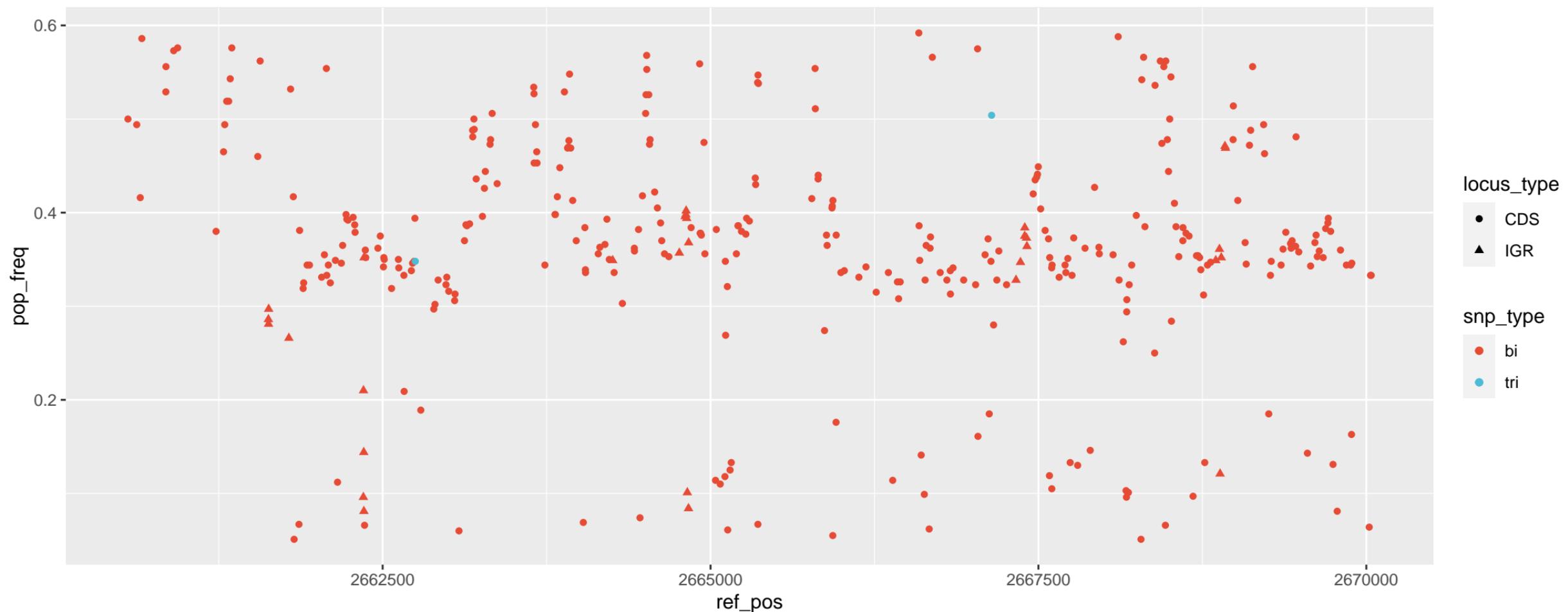
## UHGG143505\_1:2640052–2650052



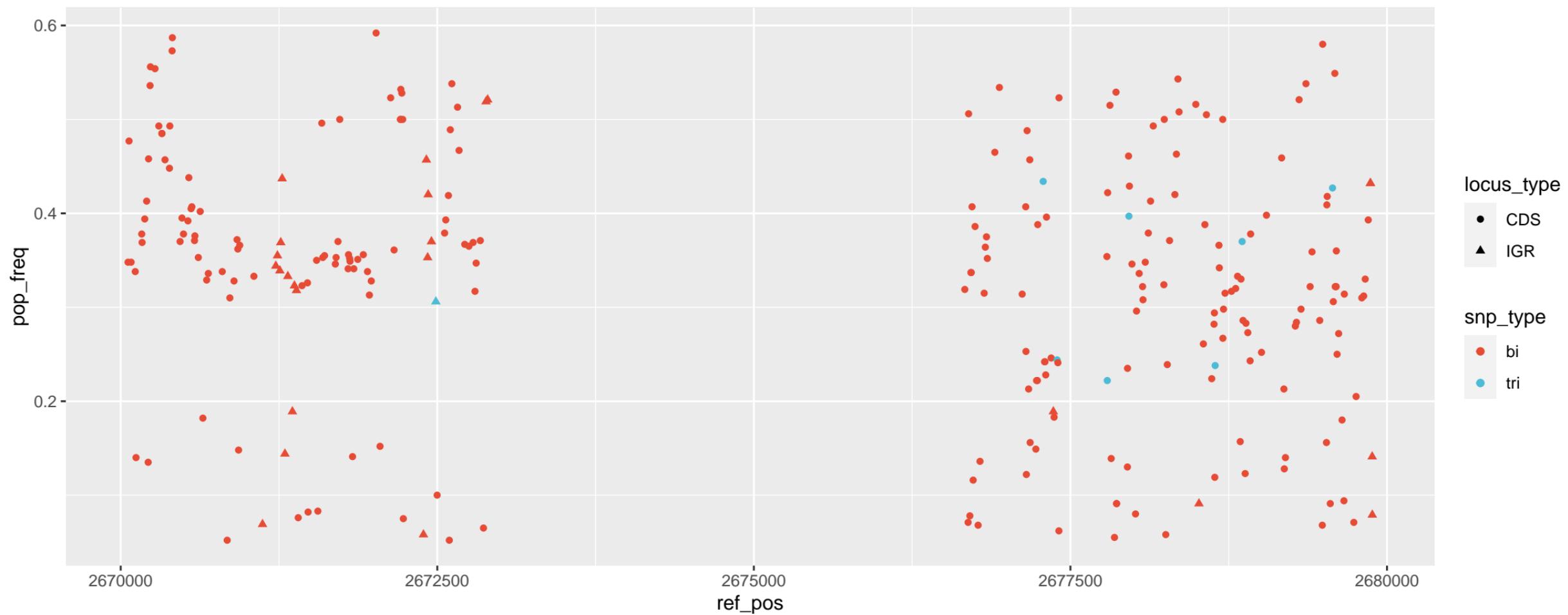
## UHGG143505\_1:2650052–2660052



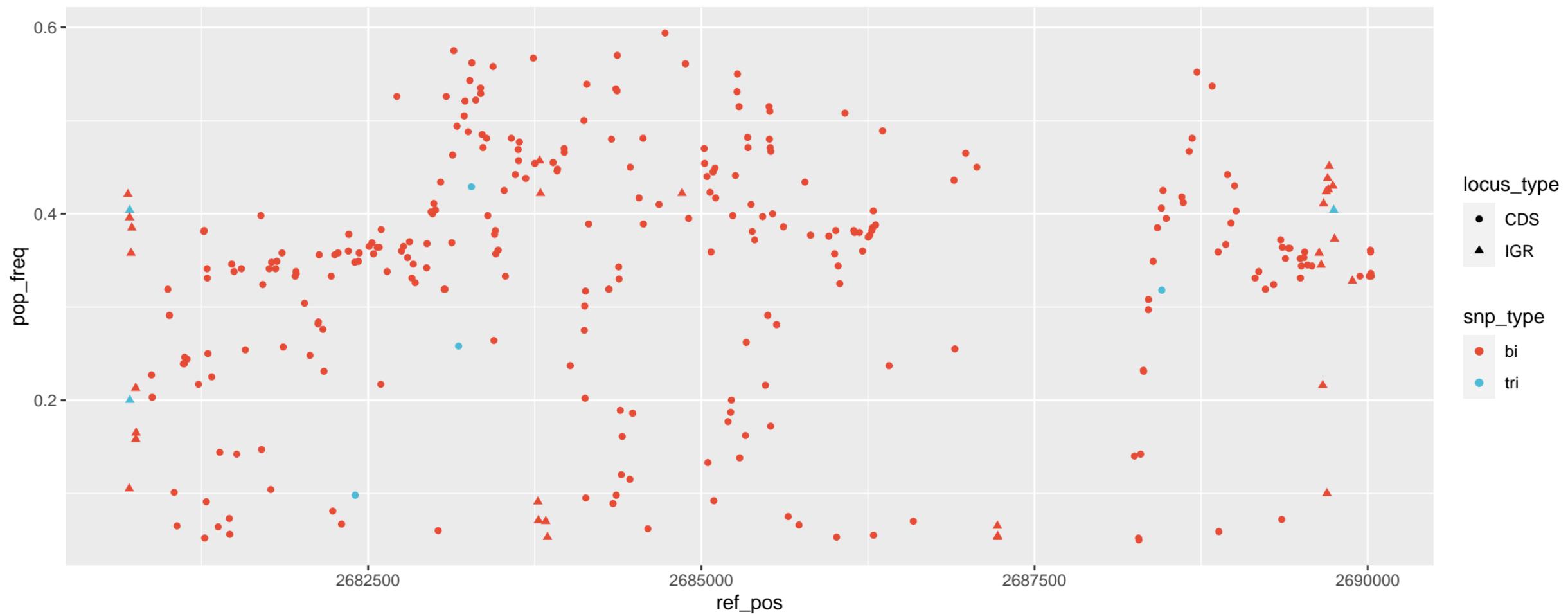
## UHGG143505\_1:2660052-2670052



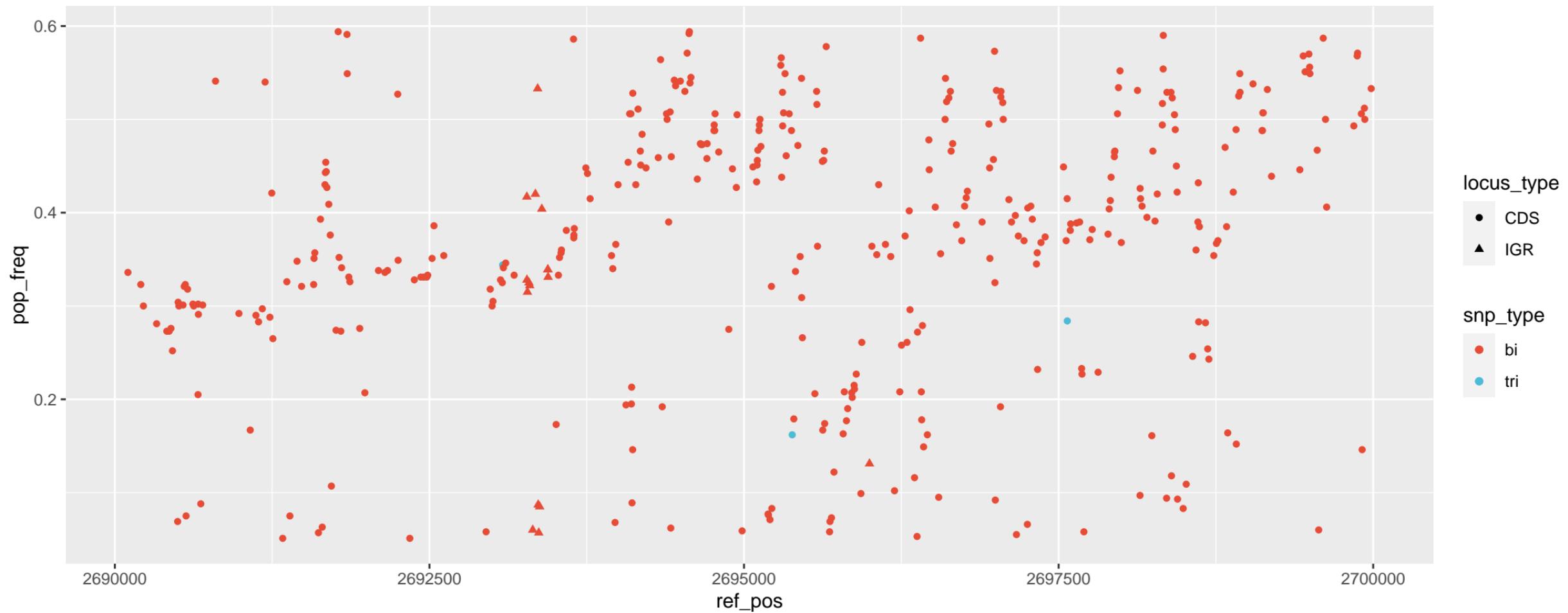
## UHGG143505\_1:2670052-2680052



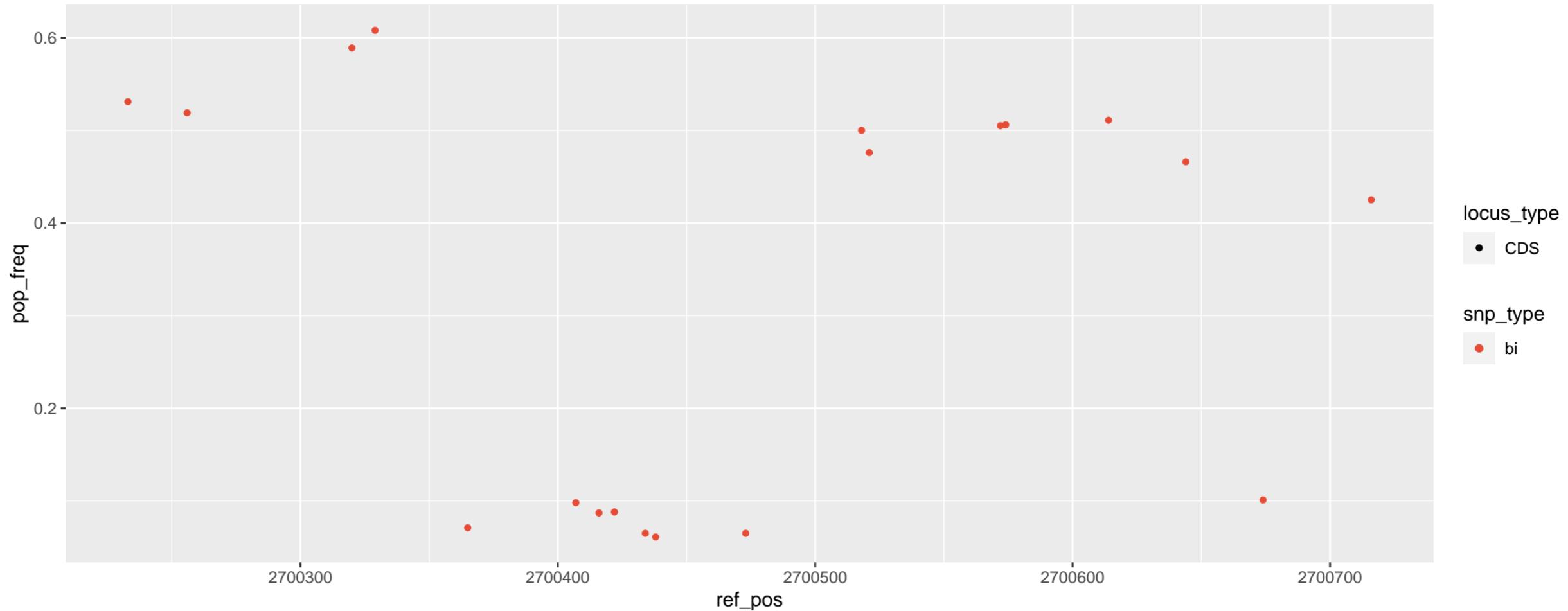
## UHGG143505\_1:2680052-2690052



## UHGG143505\_1:2690052–2700052



UHGG143505\_1:2700052–2710052



UHGG143505\_1:2710052–2720052

pop\_freq

ref\_pos

UHGG143505\_1:2720052–2730052

pop\_freq

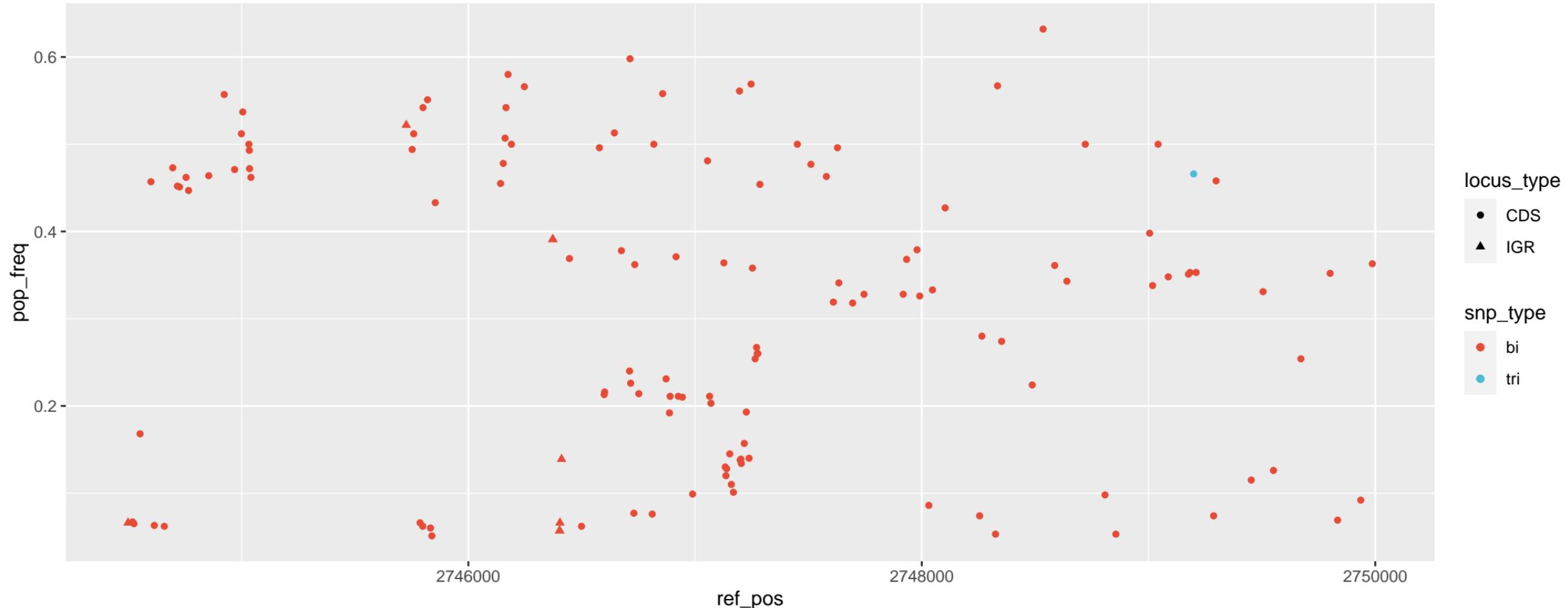
ref\_pos

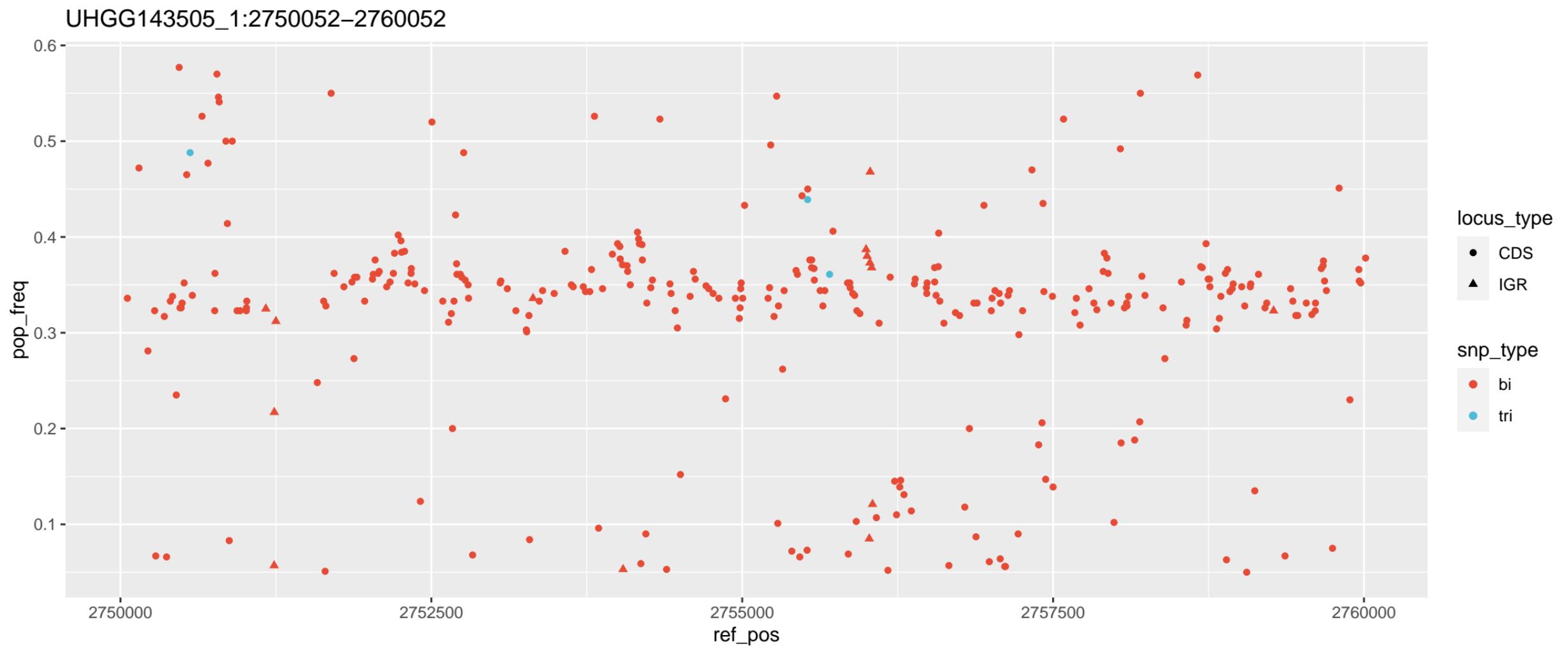
UHGG143505\_1:2730052–2740052

pop\_freq

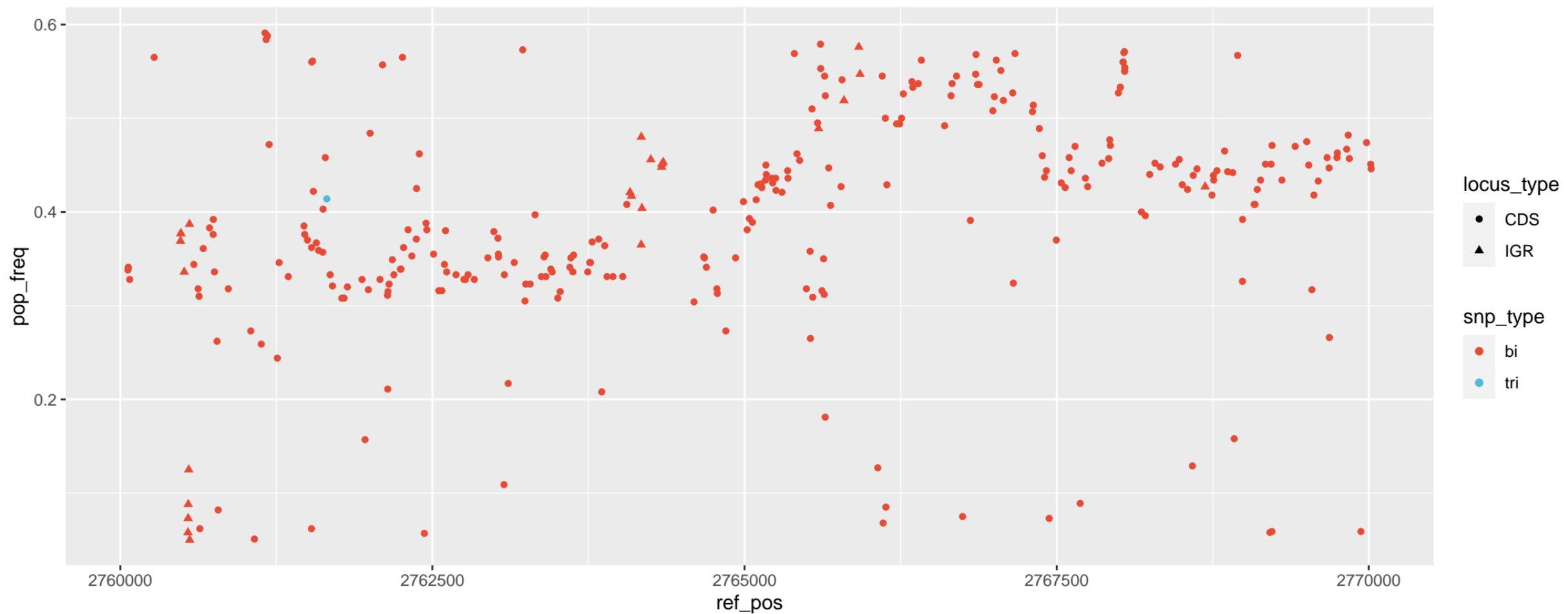
ref\_pos

## UHGG143505\_1:2740052–2750052

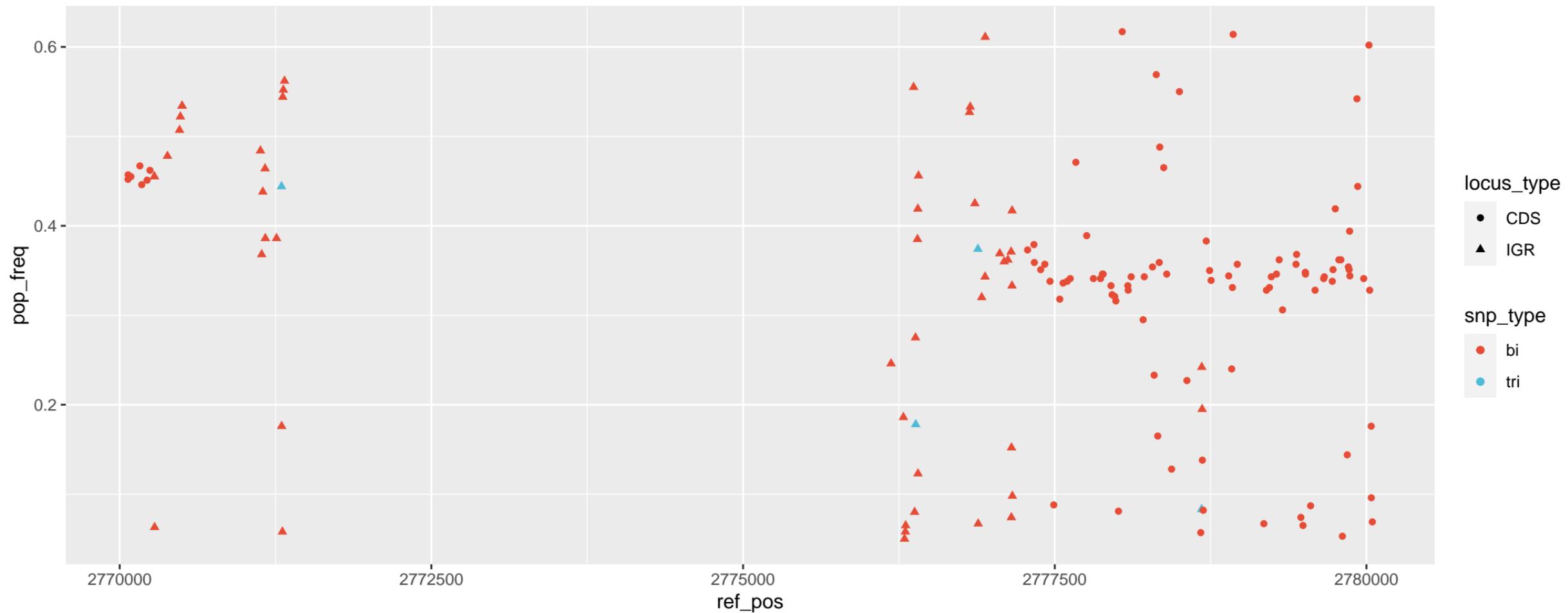




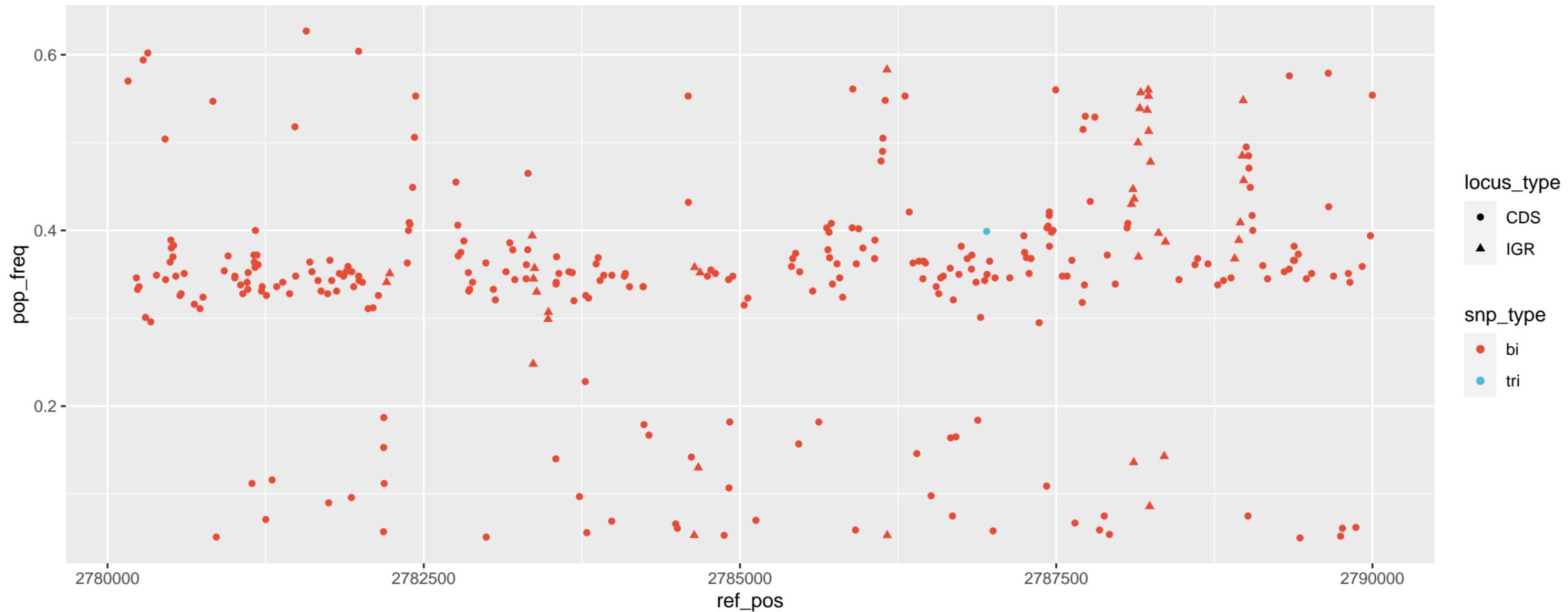
## UHGG143505\_1:2760052-2770052



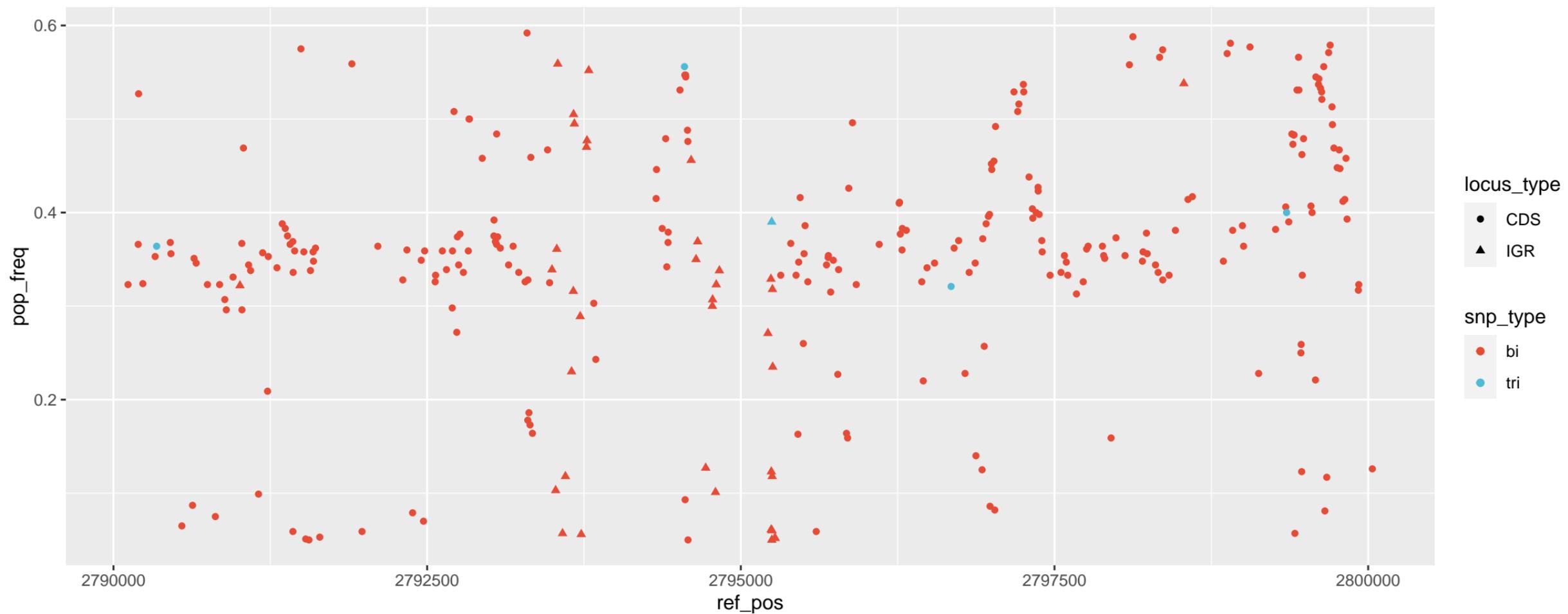
## UHGG143505\_1:2770052-2780052



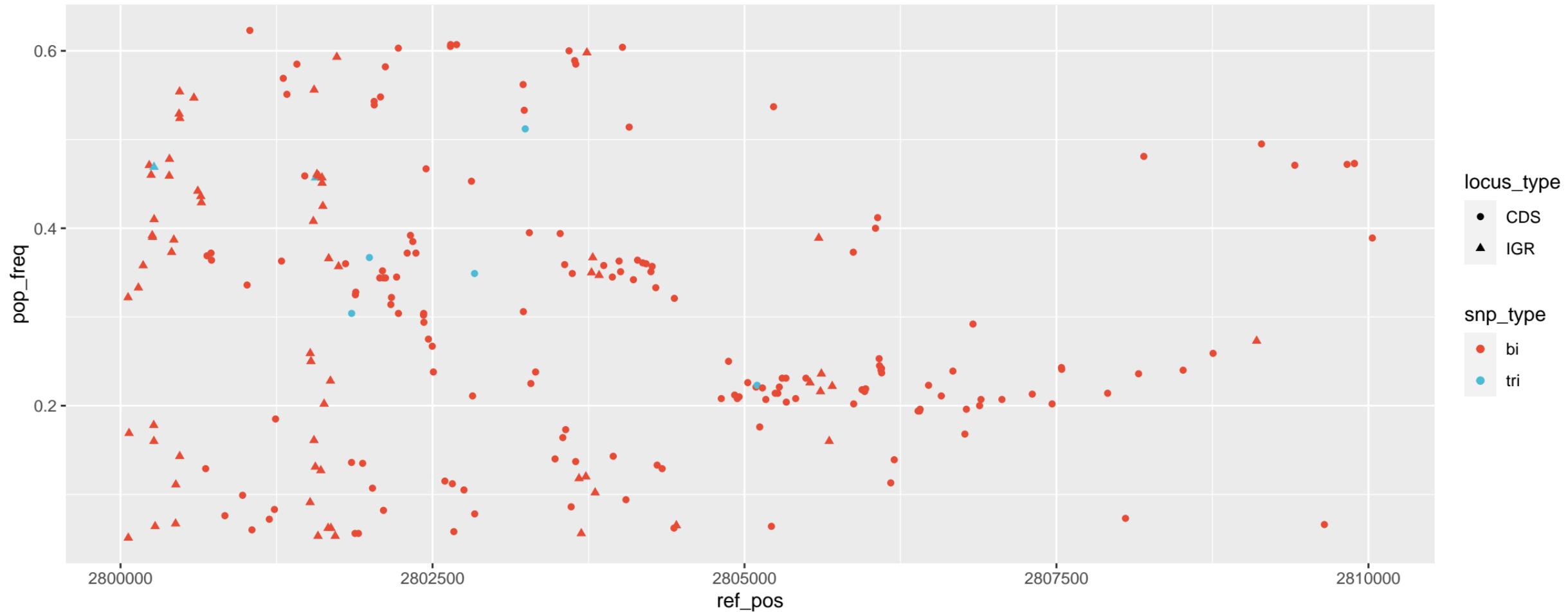
## UHGG143505\_1:2780052-2790052



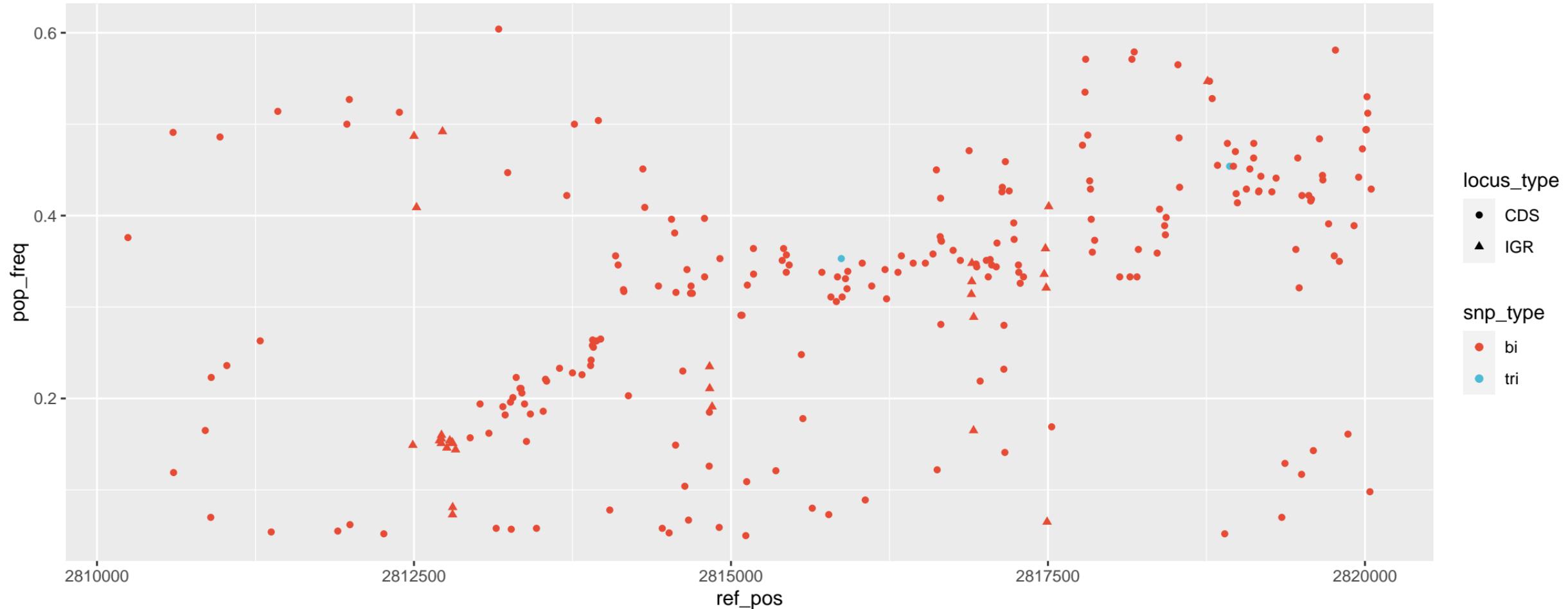
## UHGG143505\_1:2790052–2800052



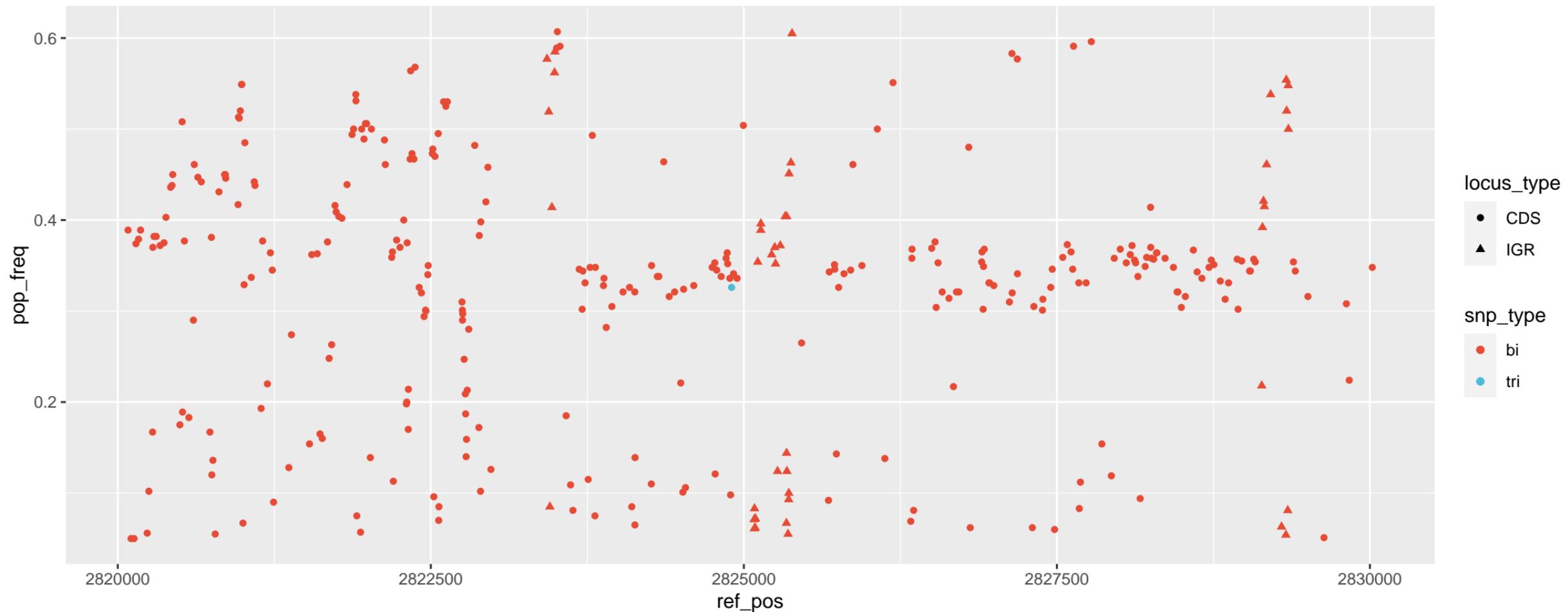
## UHGG143505\_1:2800052–2810052



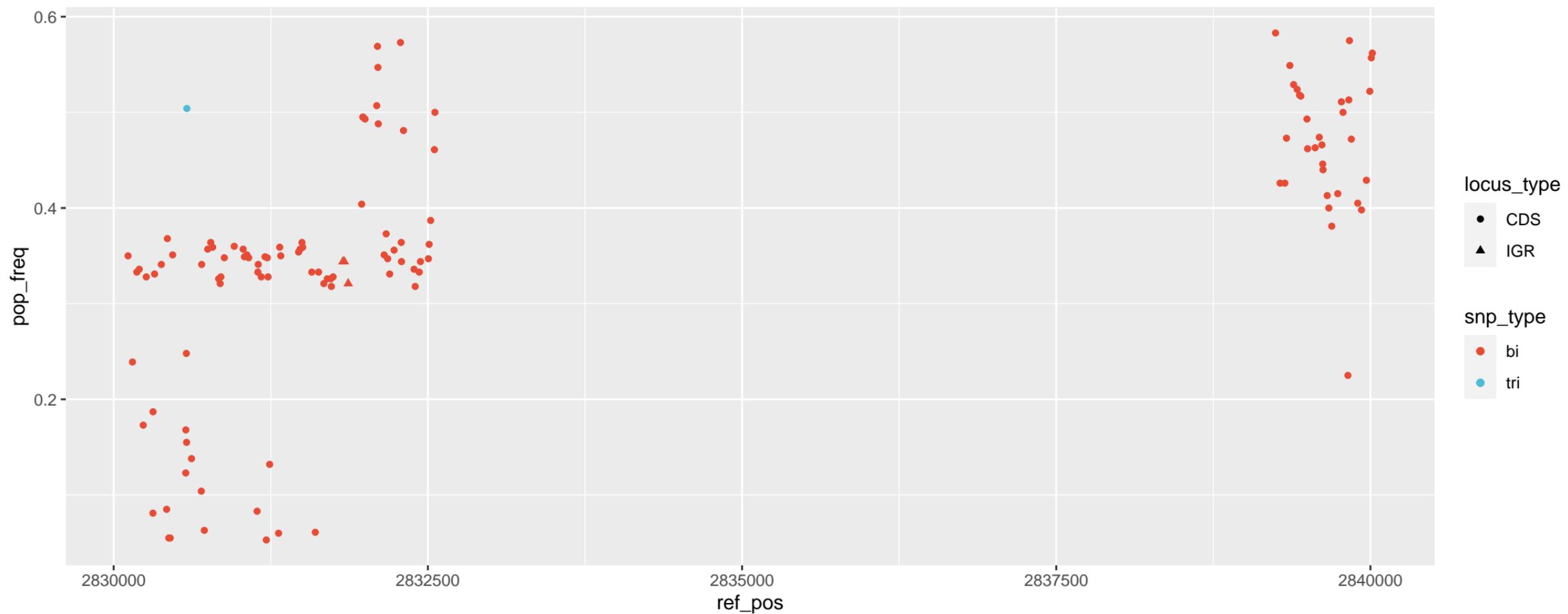
## UHGG143505\_1:2810052–2820052



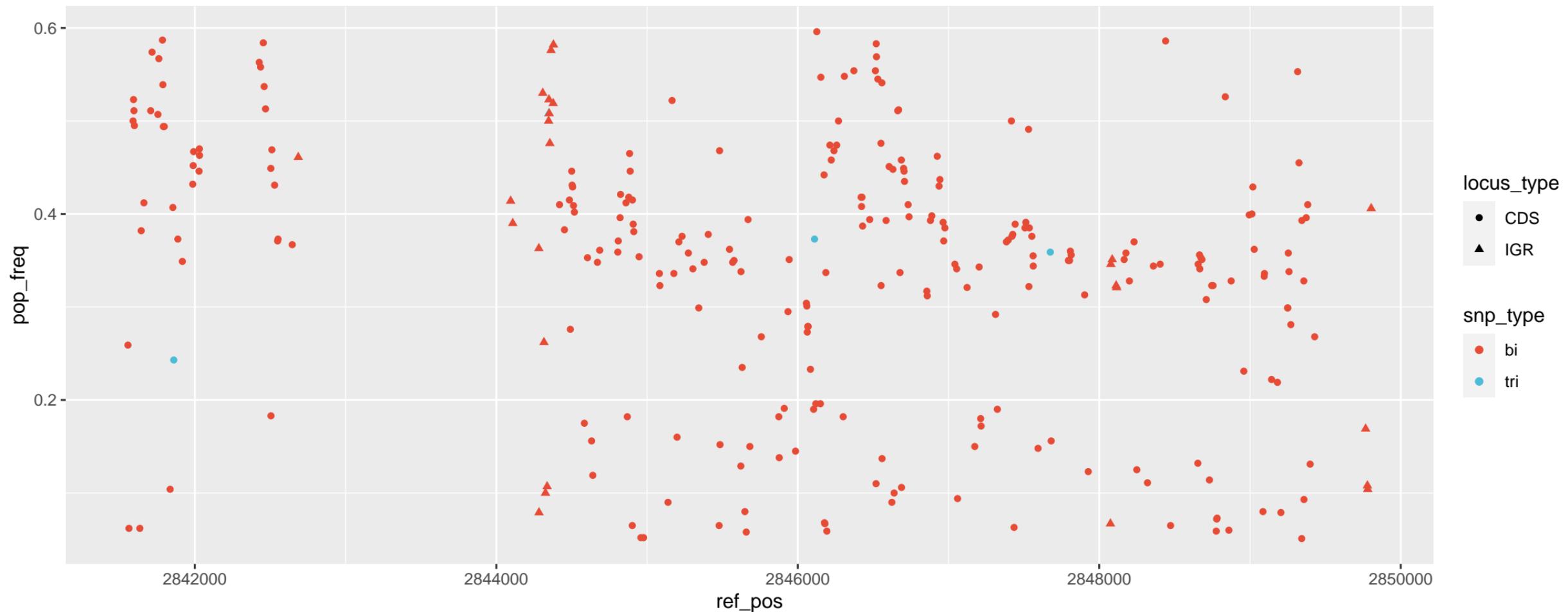
## UHGG143505\_1:2820052–2830052



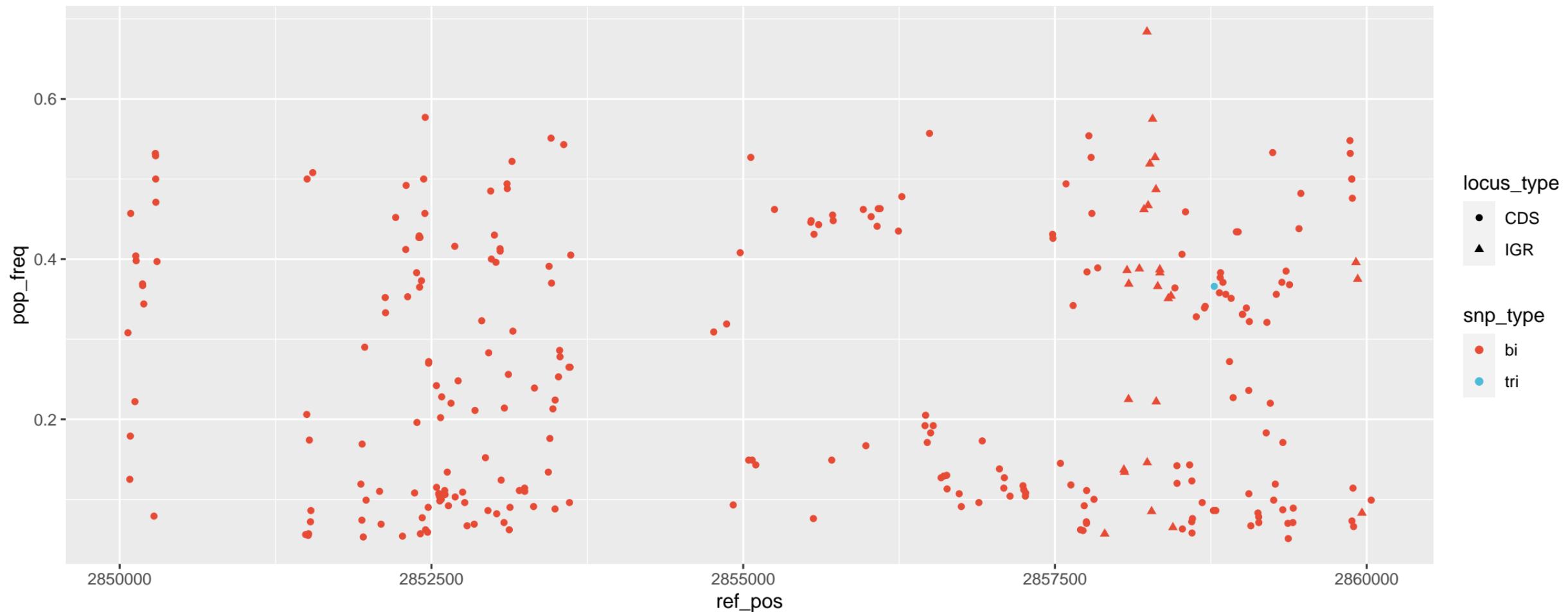
## UHGG143505\_1:2830052-2840052



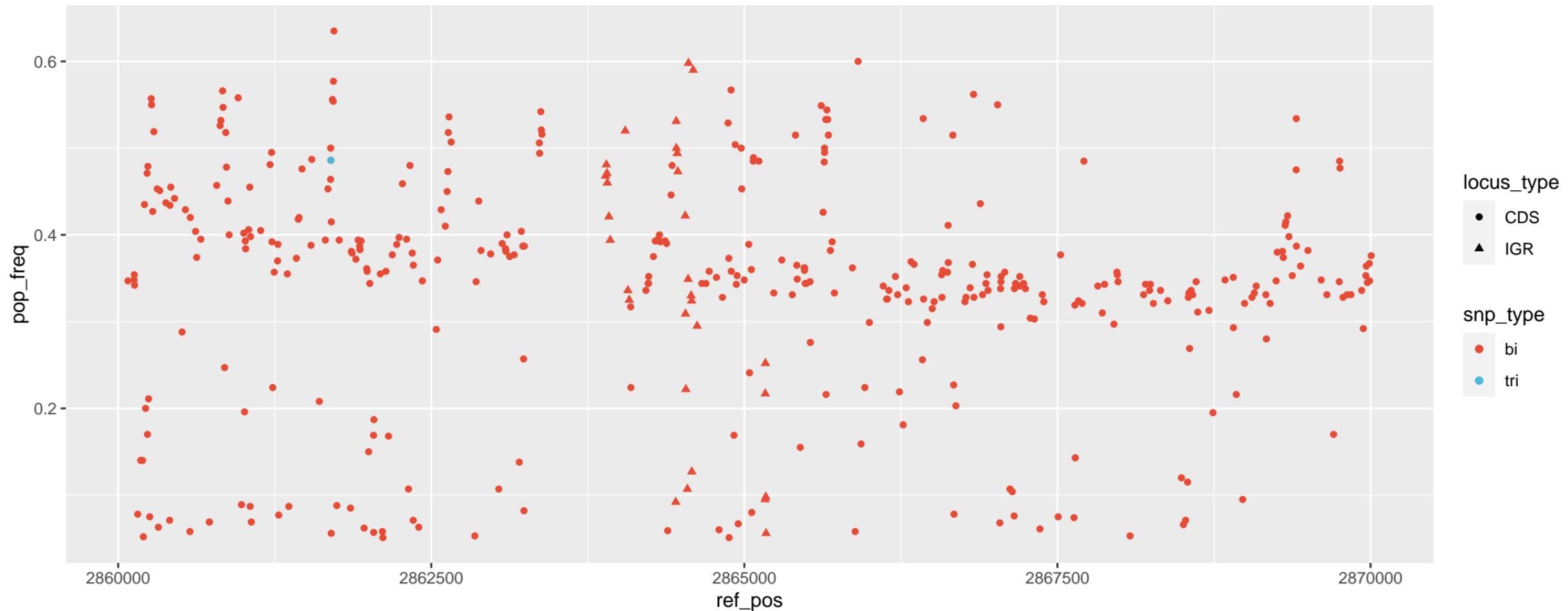
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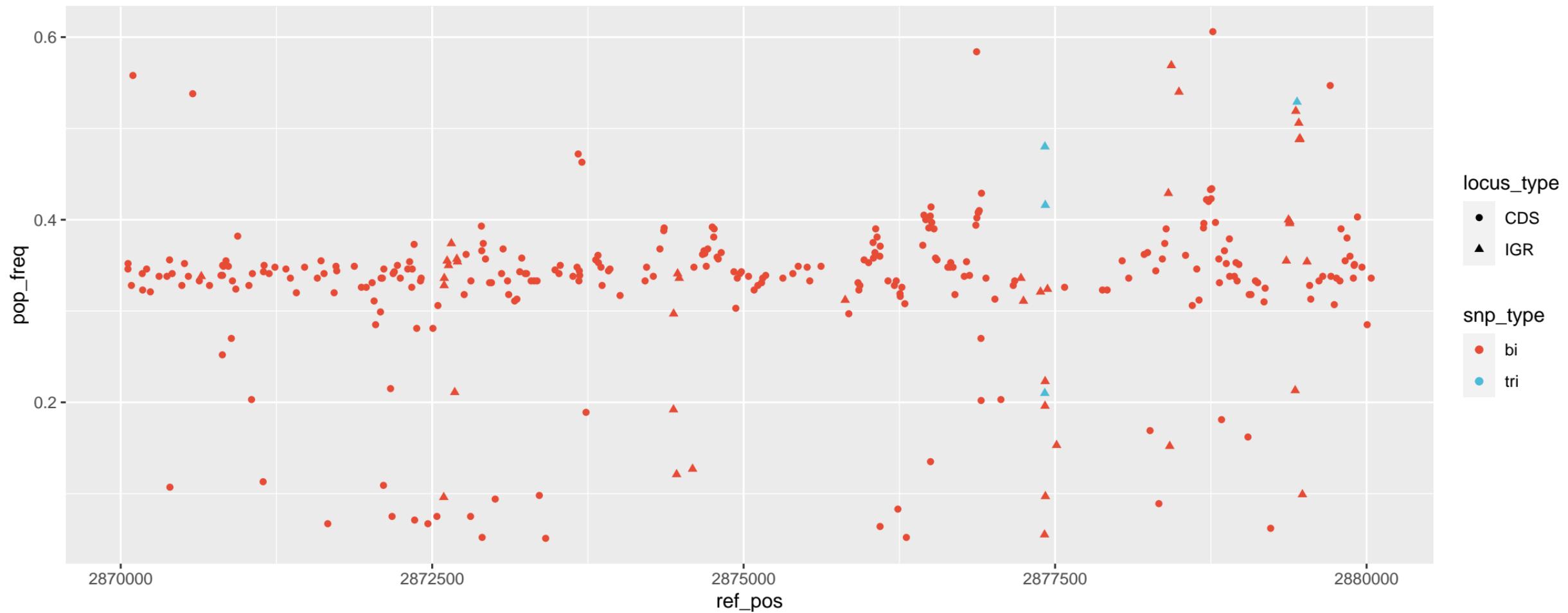
## UHGG143505\_1:2850052–2860052



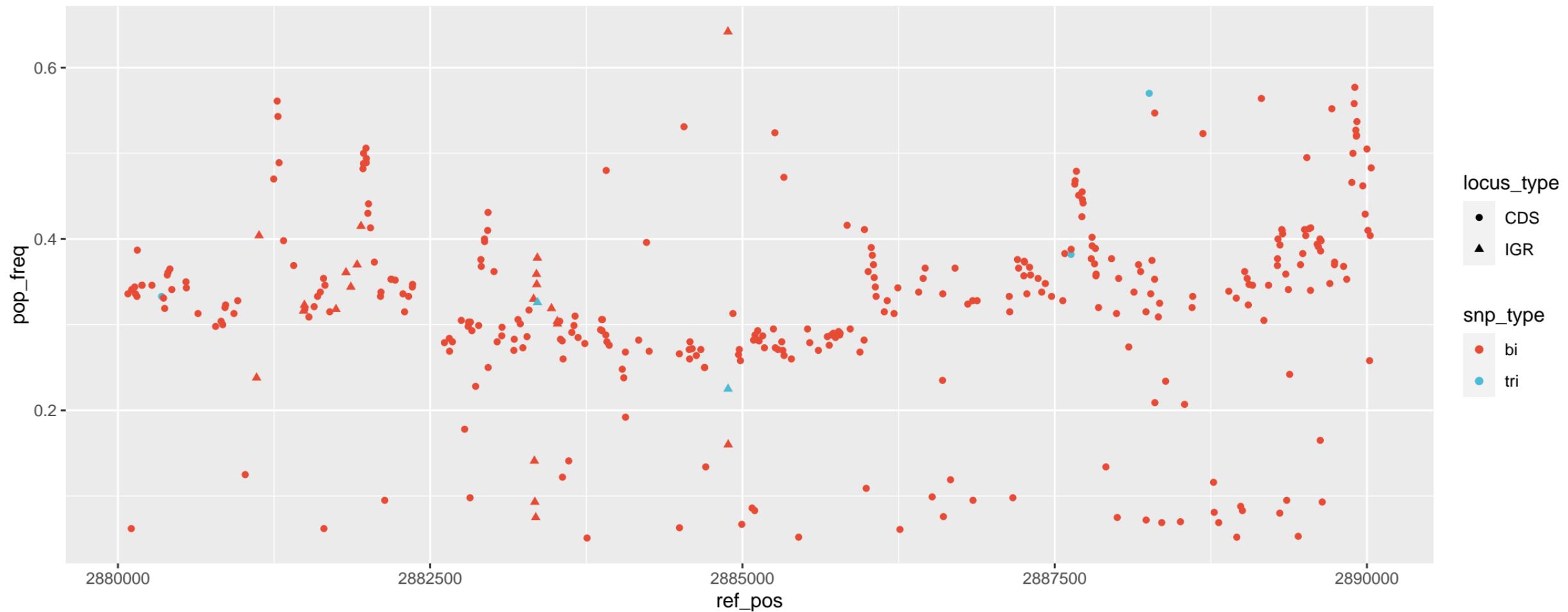
## UHGG143505\_1:2860052–2870052



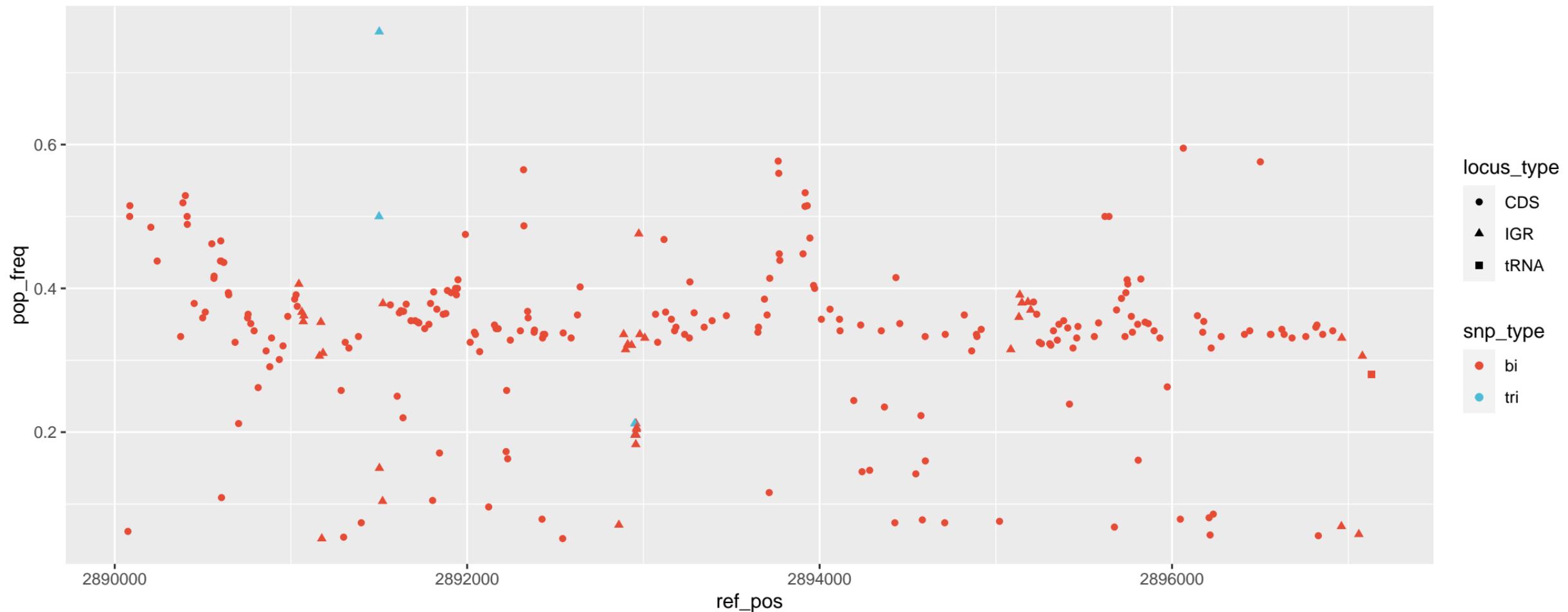
## UHGG143505\_1:2870052-2880052



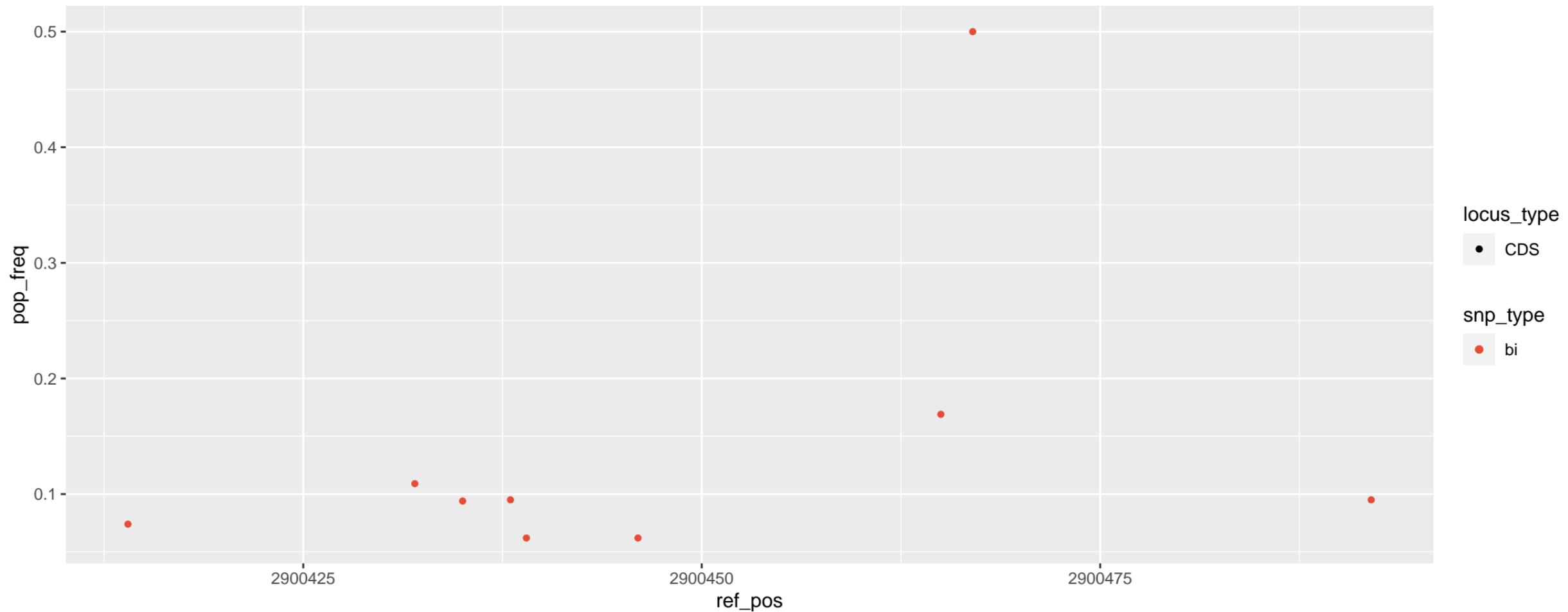
## UHGG143505\_1:2880052–2890052



## UHGG143505\_1:2890052–2900052



UHGG143505\_1:2900052–2910052



UHGG143505\_1:2910052–2920052

pop\_freq

ref\_pos

UHGG143505\_1:2920052–2930052

pop\_freq

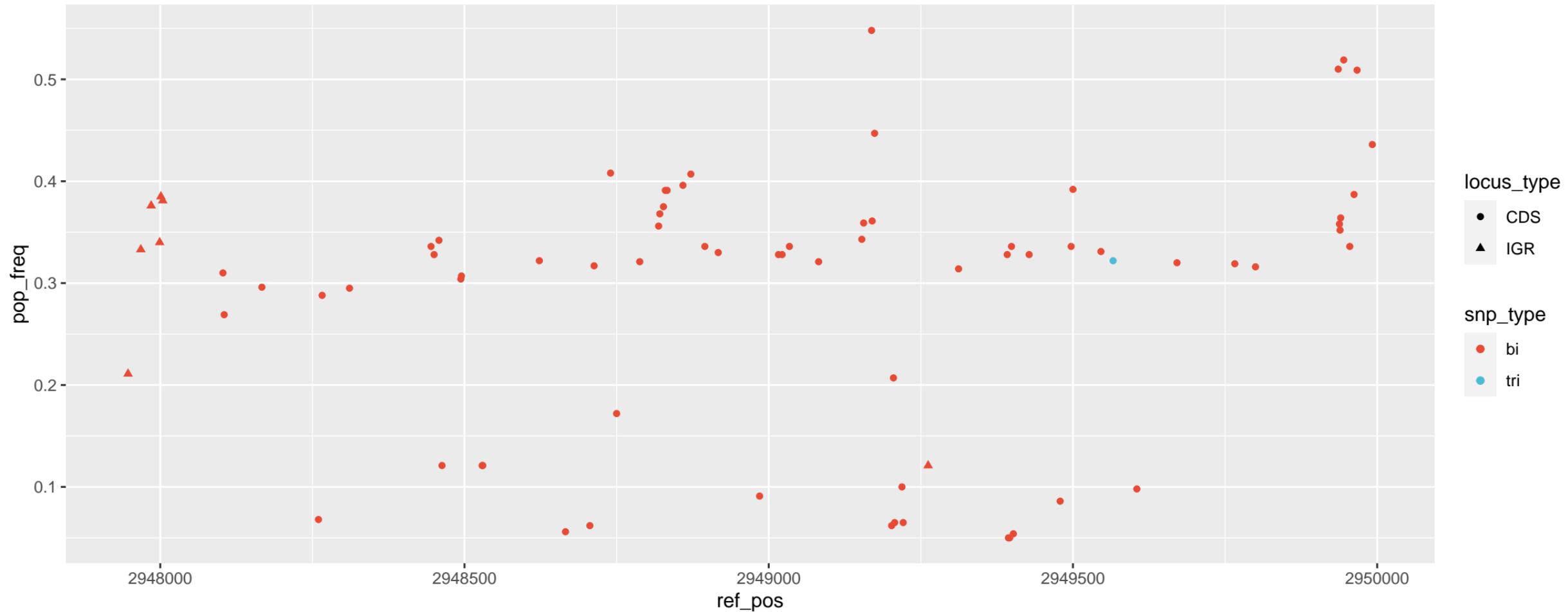
ref\_pos

UHGG143505\_1:2930052–2940052

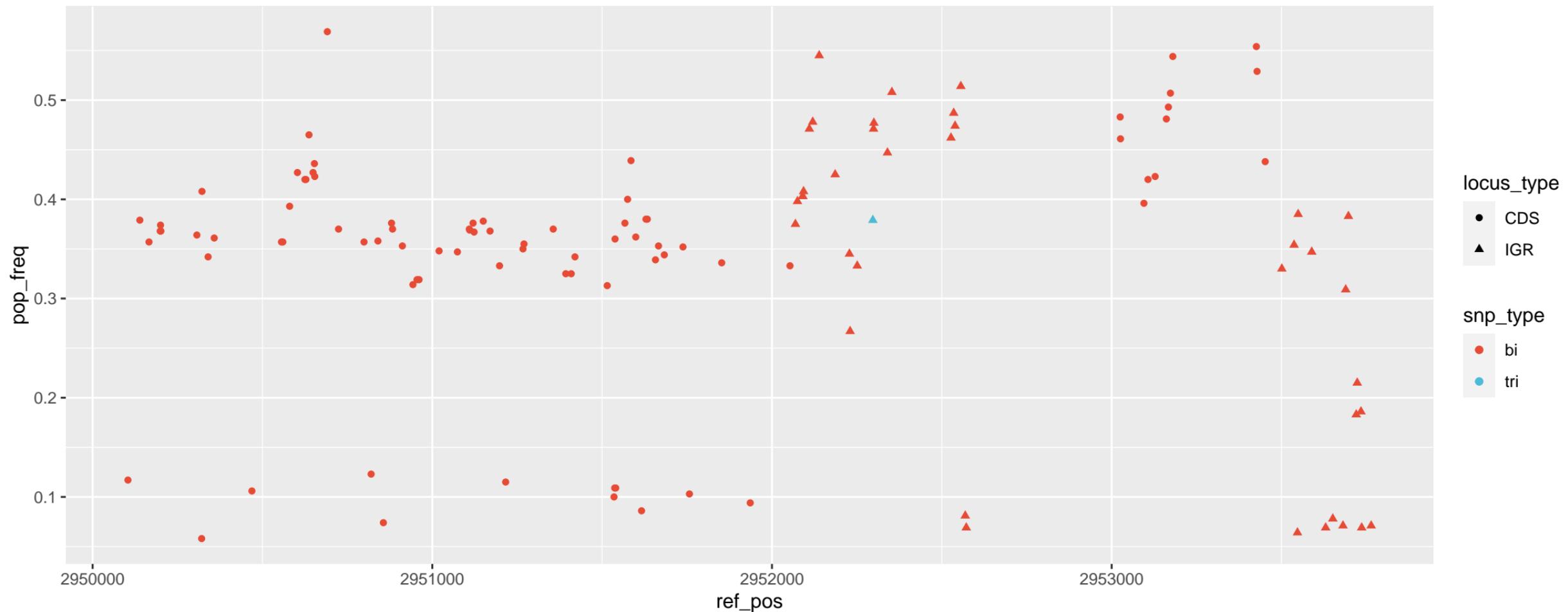
pop\_freq

ref\_pos

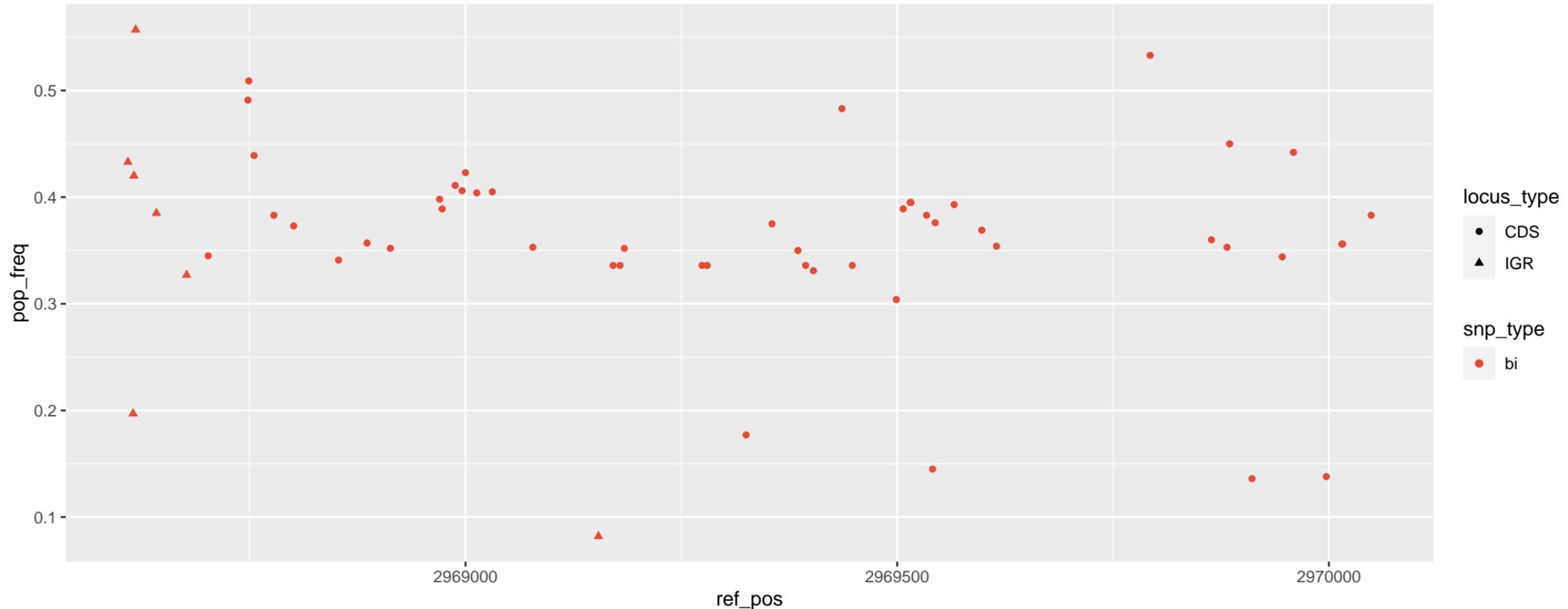
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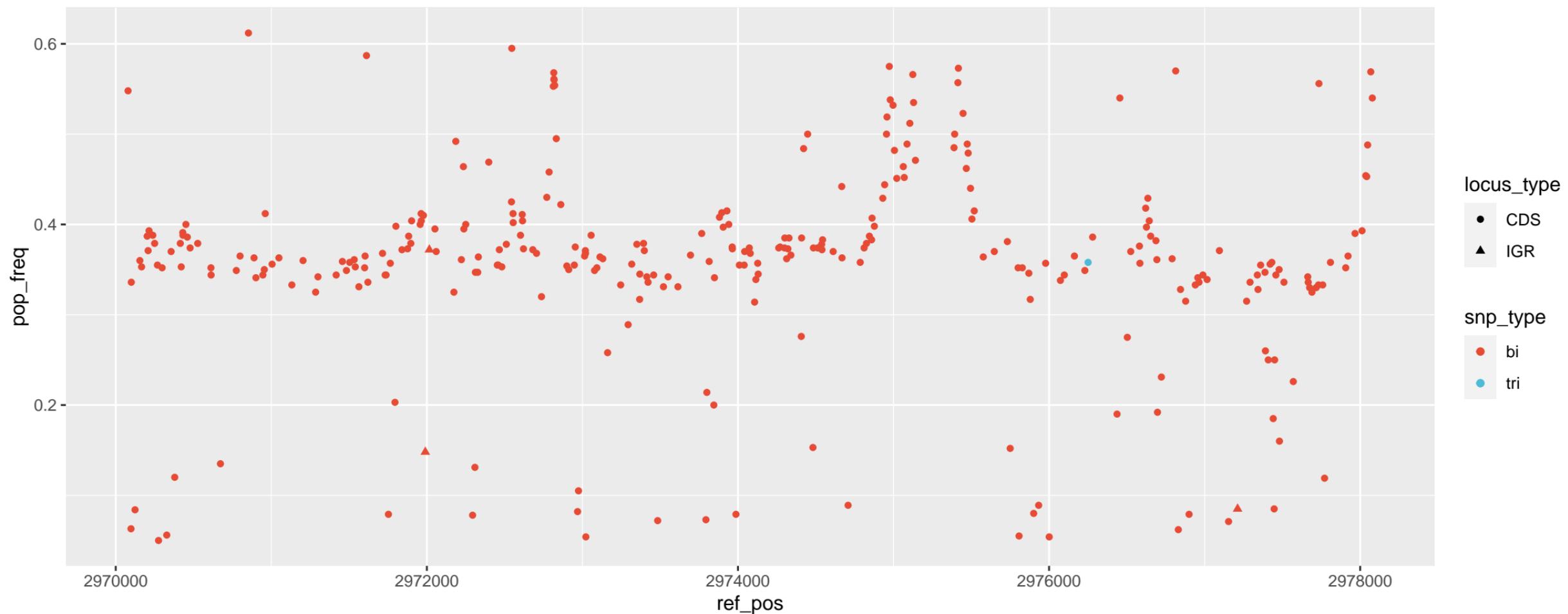
## UHGG143505\_1:2950052–2960052



## UHGG143505\_1:2960052-2970052



## UHGG143505\_1:2970052-2980052

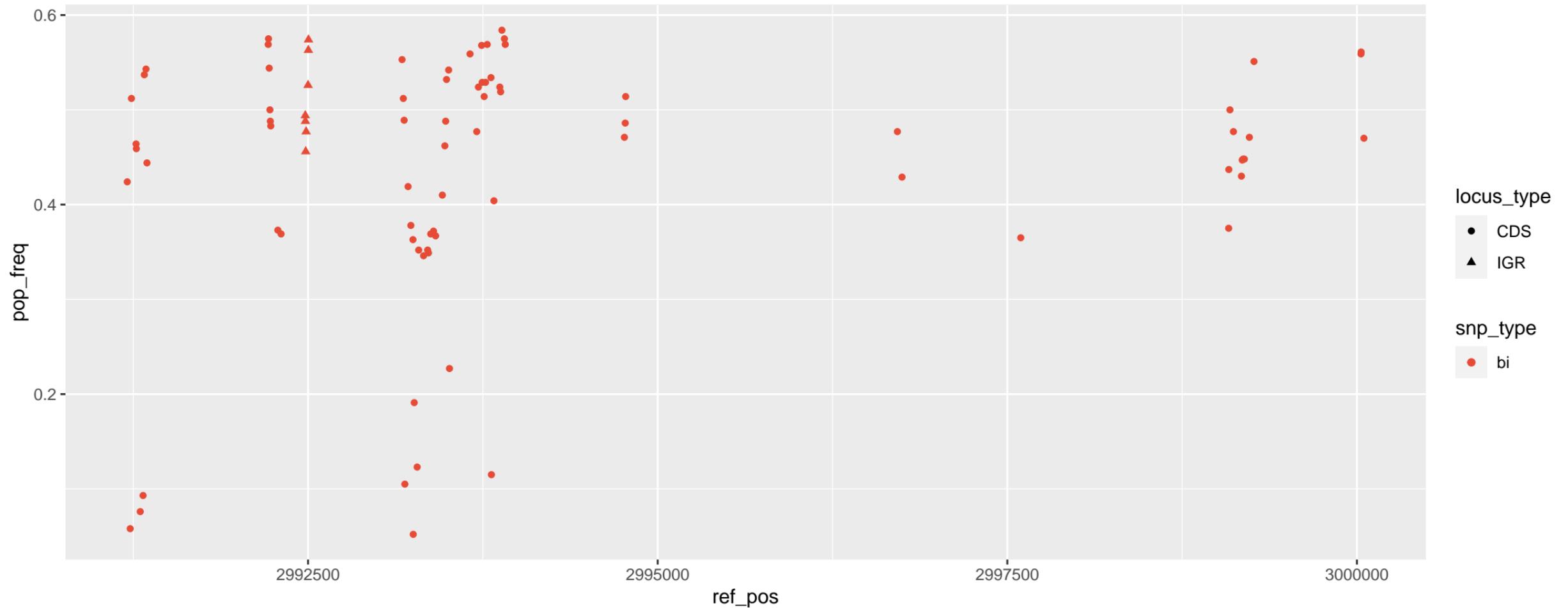


UHGG143505\_1:2980052–2990052

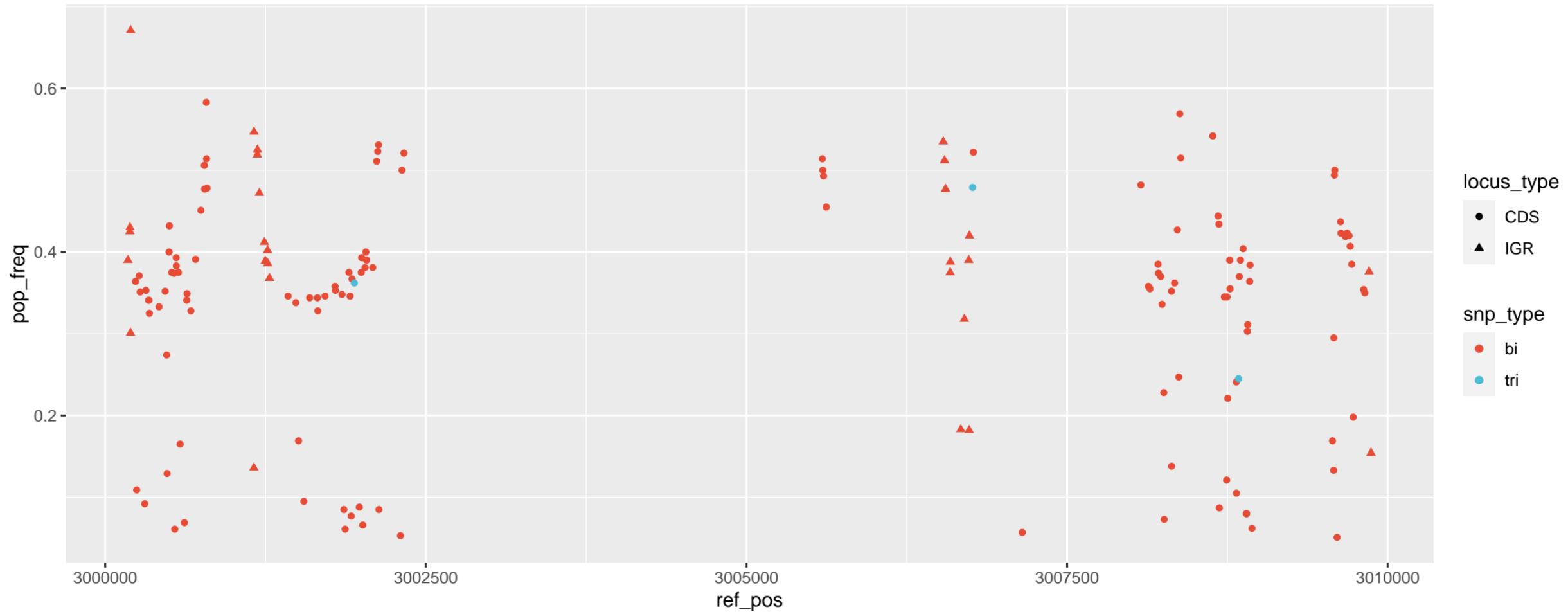
pop\_freq

ref\_pos

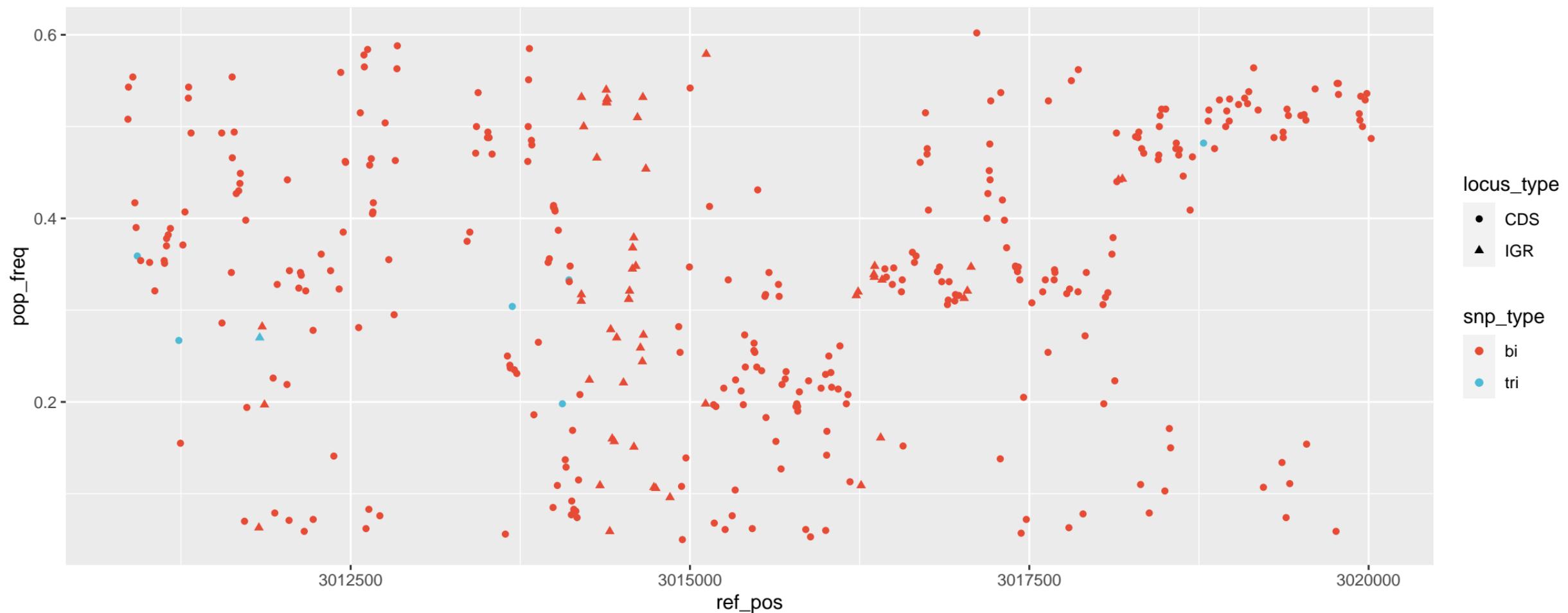
## UHGG143505\_1:2990052–3000052



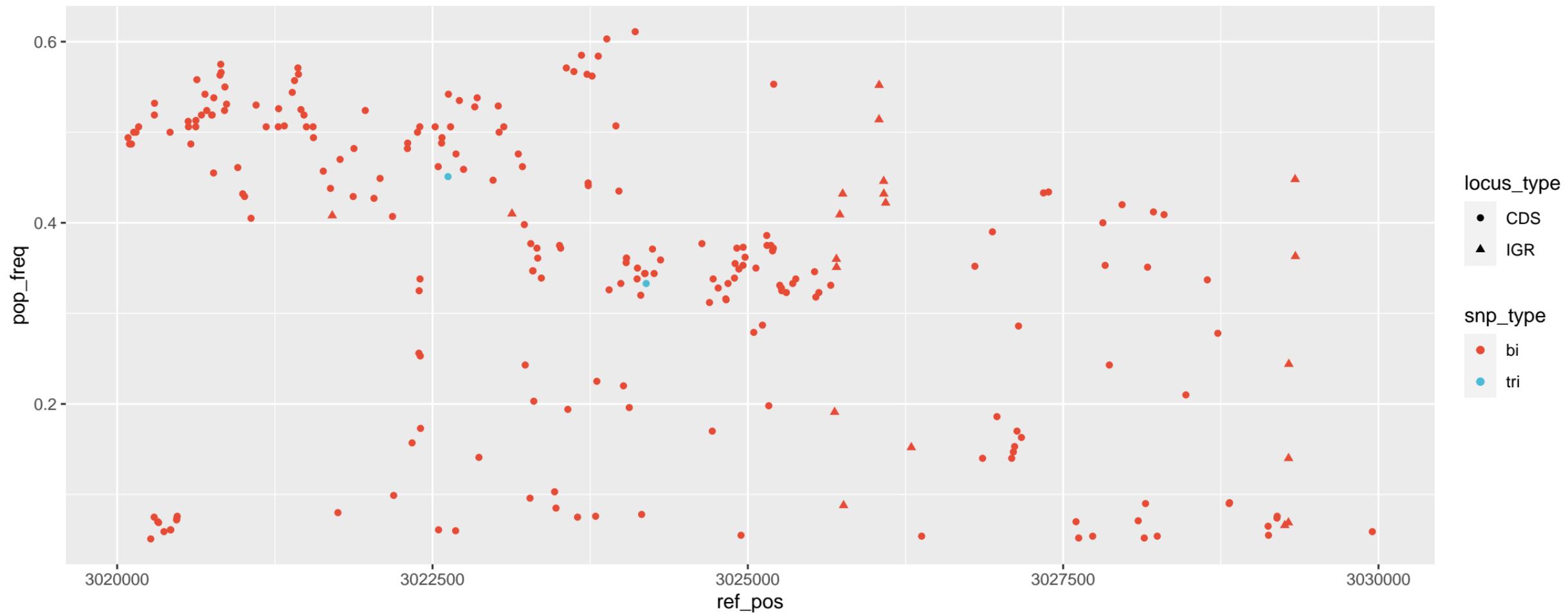
## UHGG143505\_1:3000052–3010052



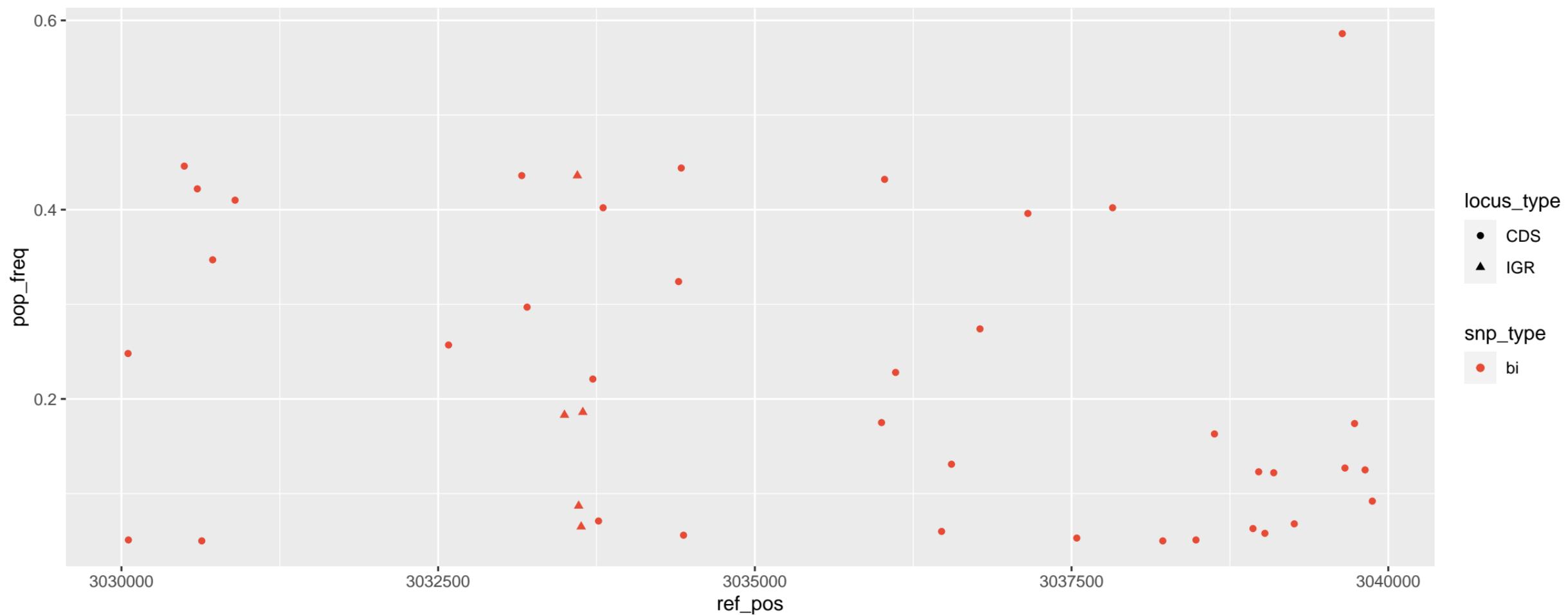
## UHGG143505\_1:3010052–3020052



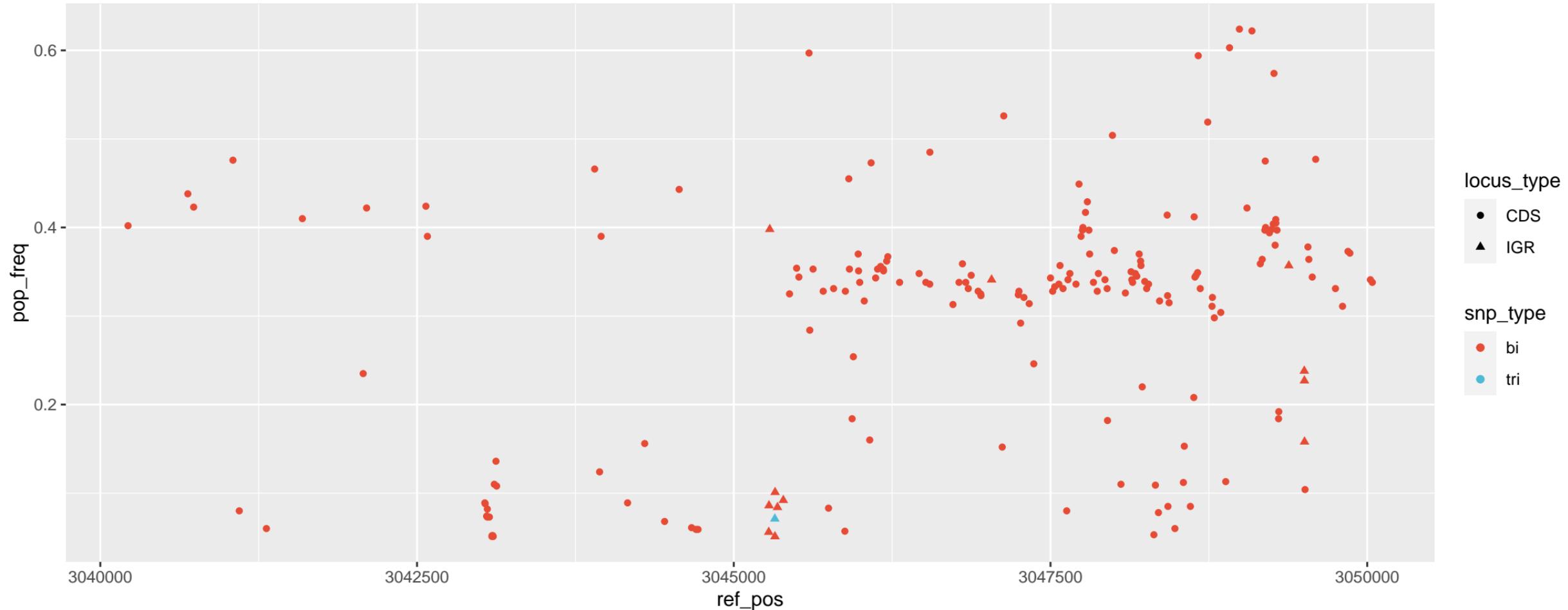
## UHGG143505\_1:3020052–3030052



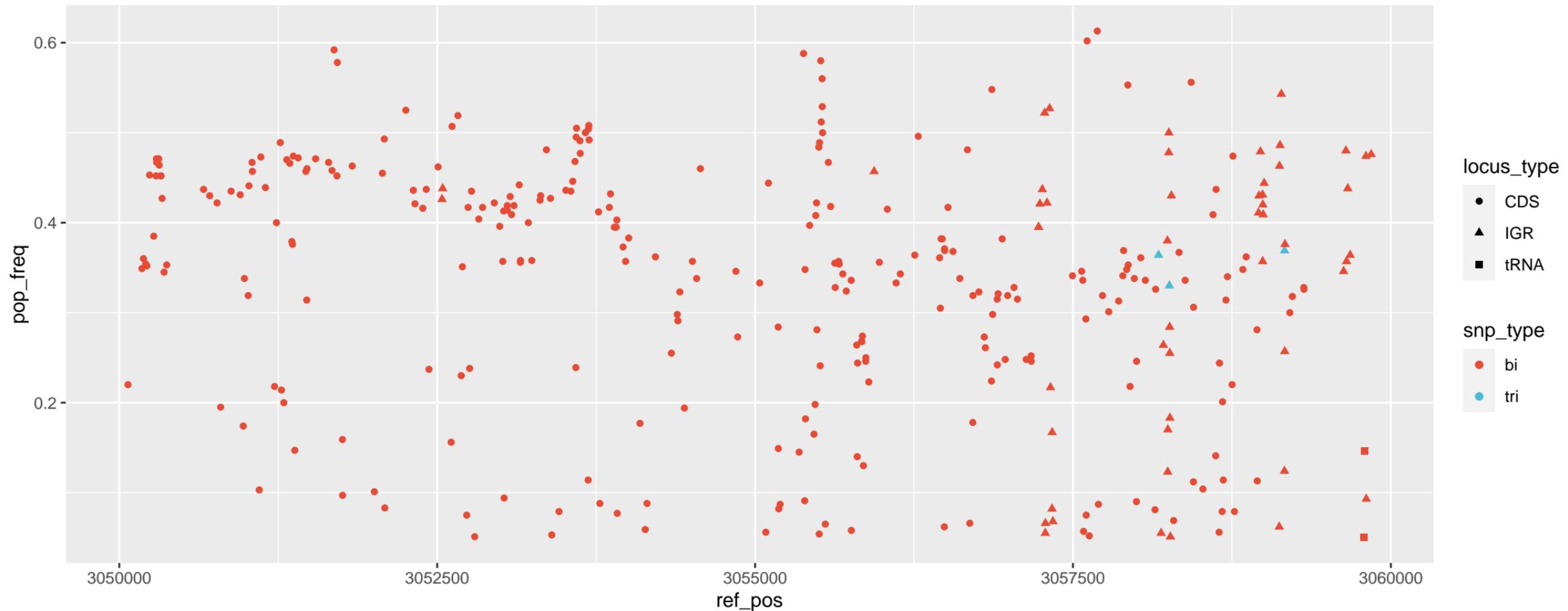
## UHGG143505\_1:3030052–3040052



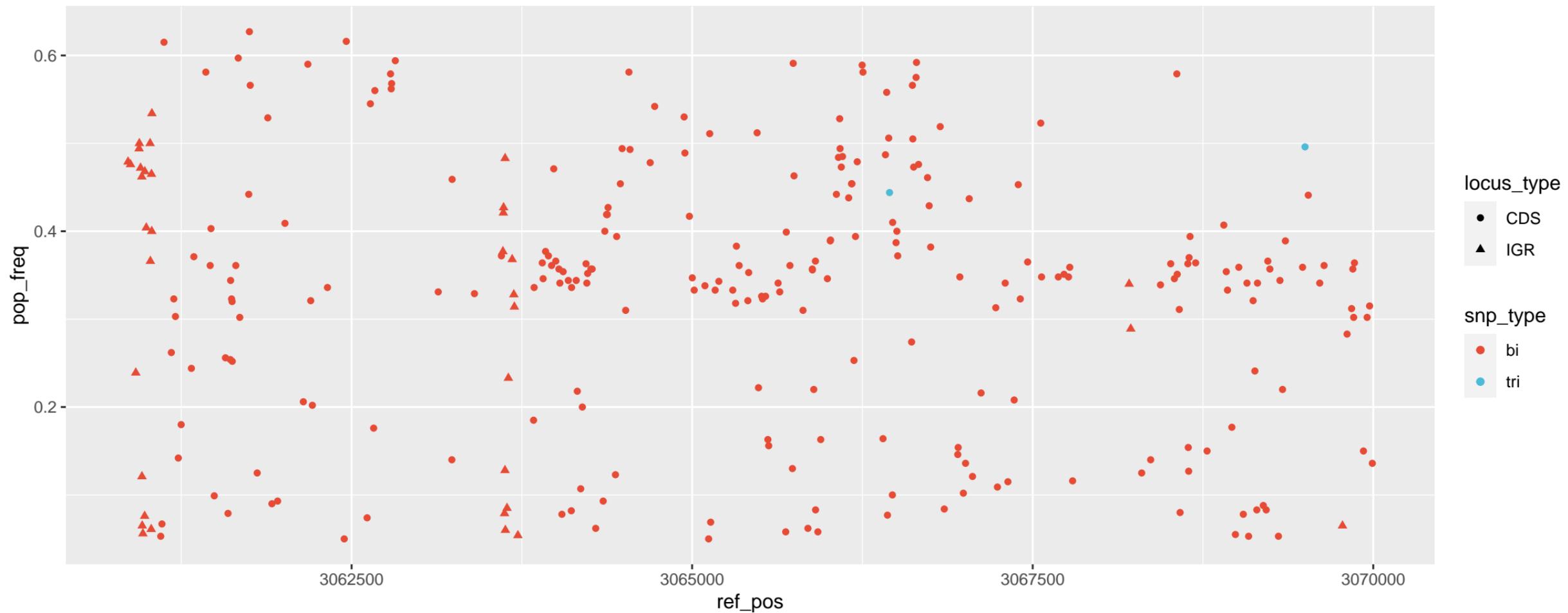
## UHGG143505\_1:3040052–3050052



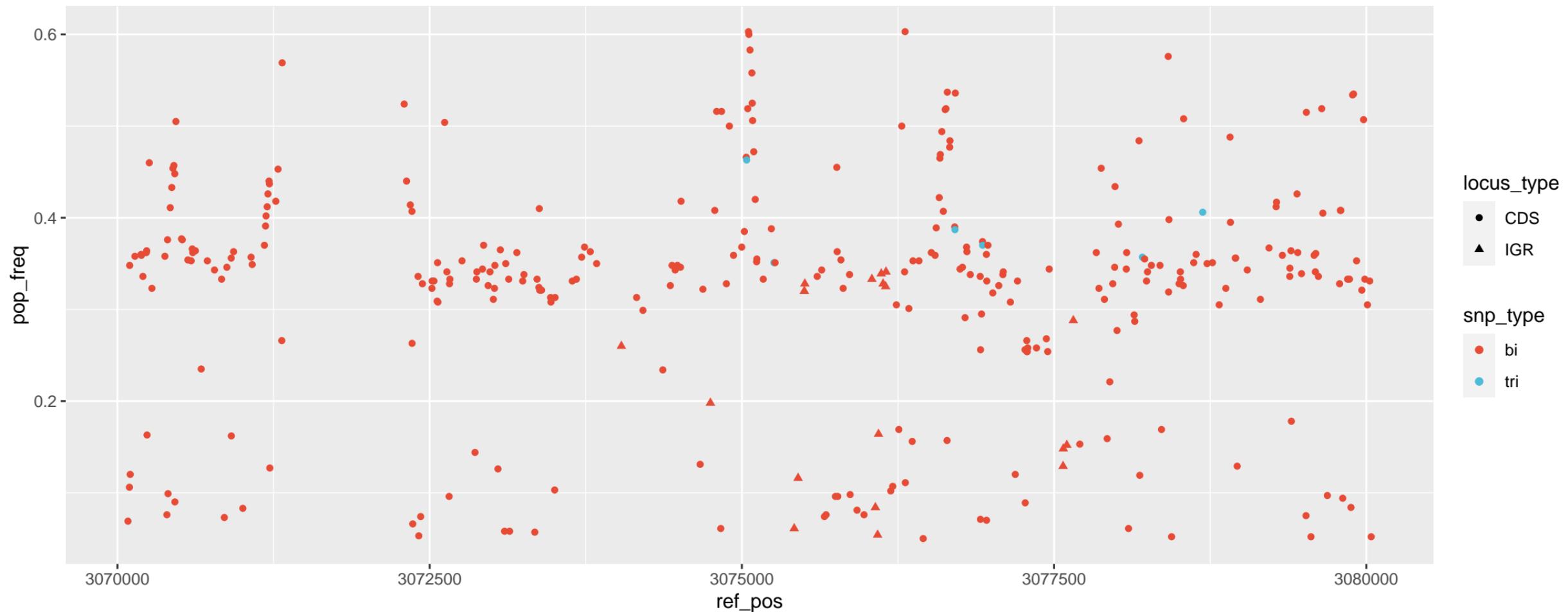
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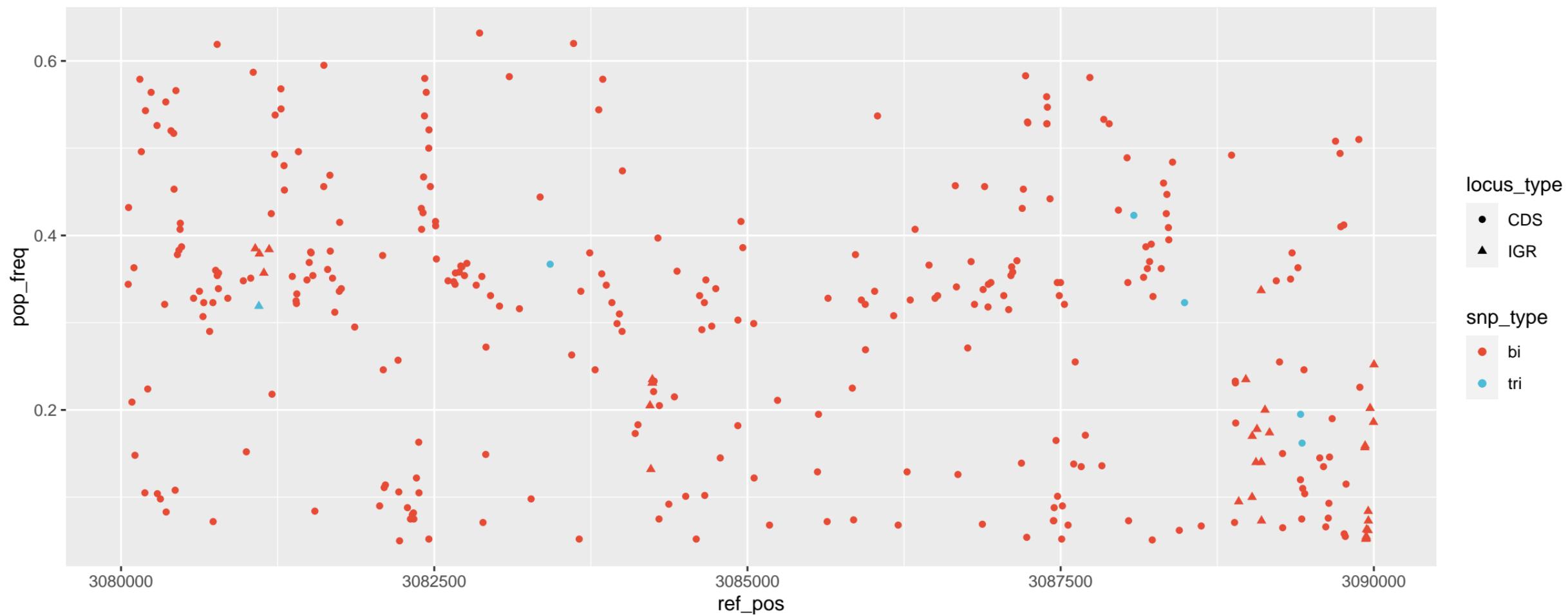
## UHGG143505\_1:3060052–3070052



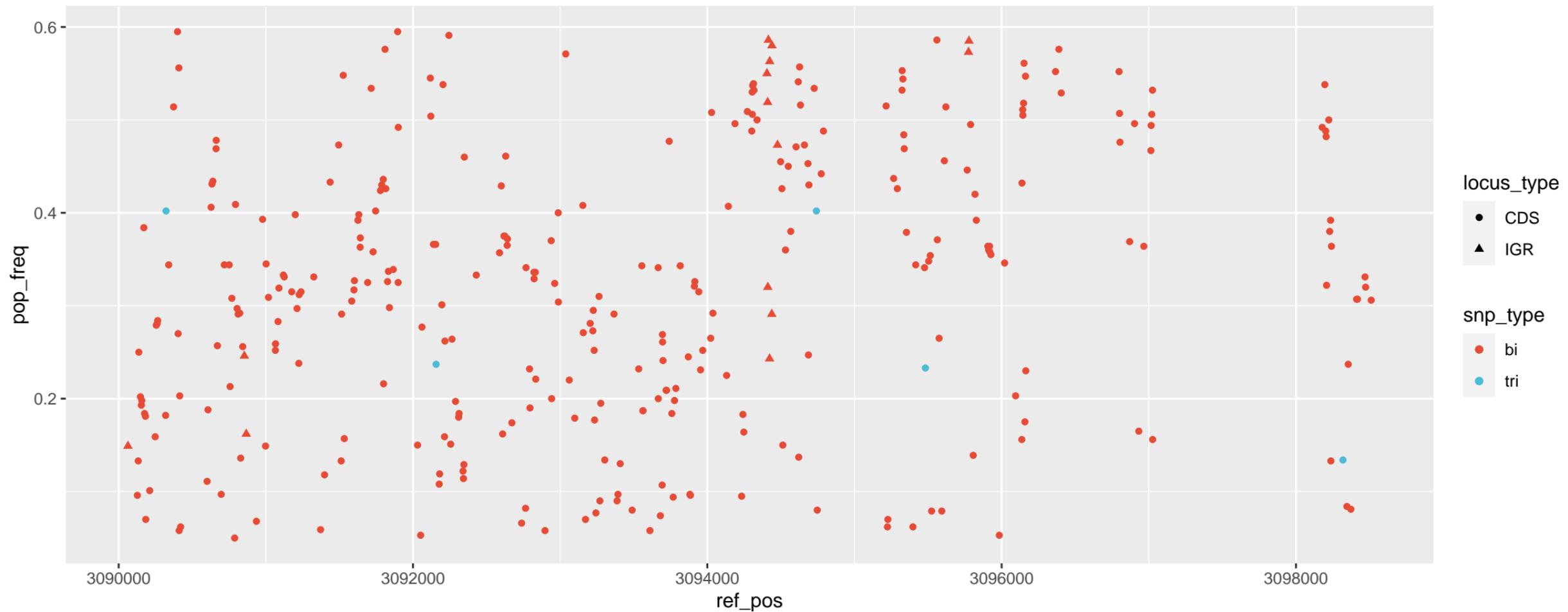
## UHGG143505\_1:3070052–3080052



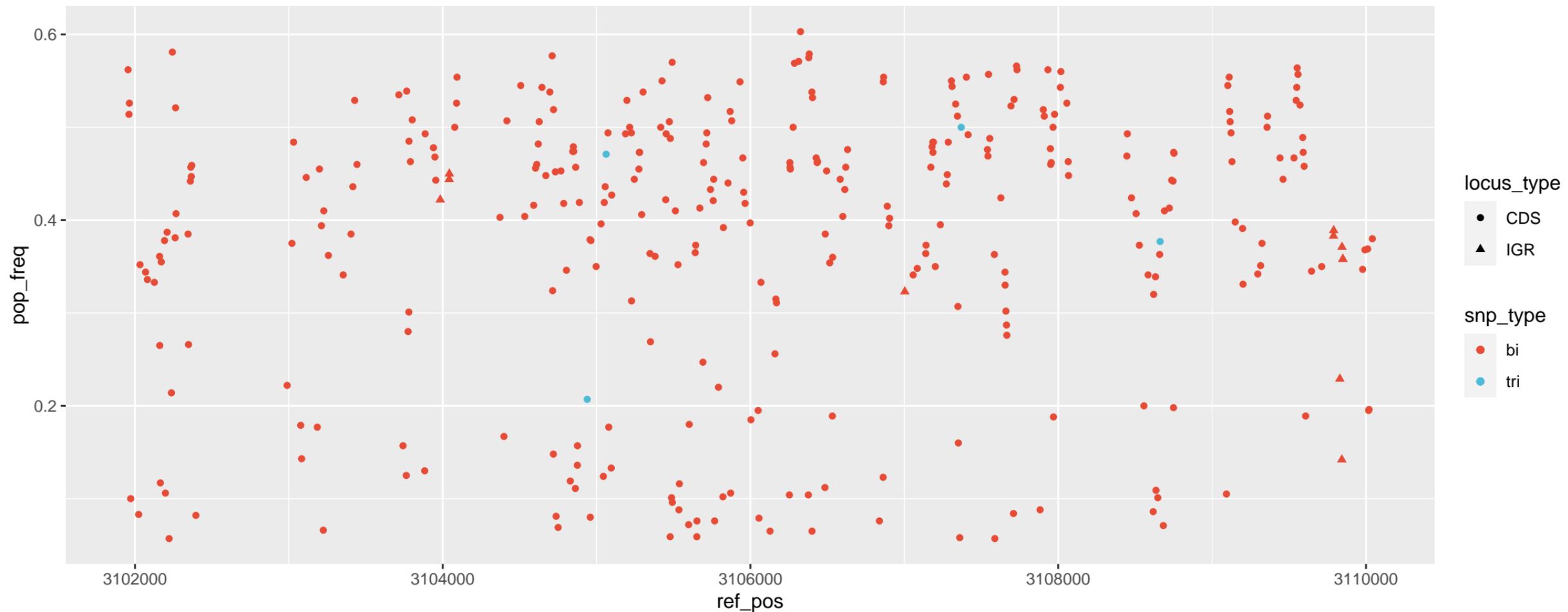
## UHGG143505\_1:3080052–3090052



## UHGG143505\_1:3090052–3100052

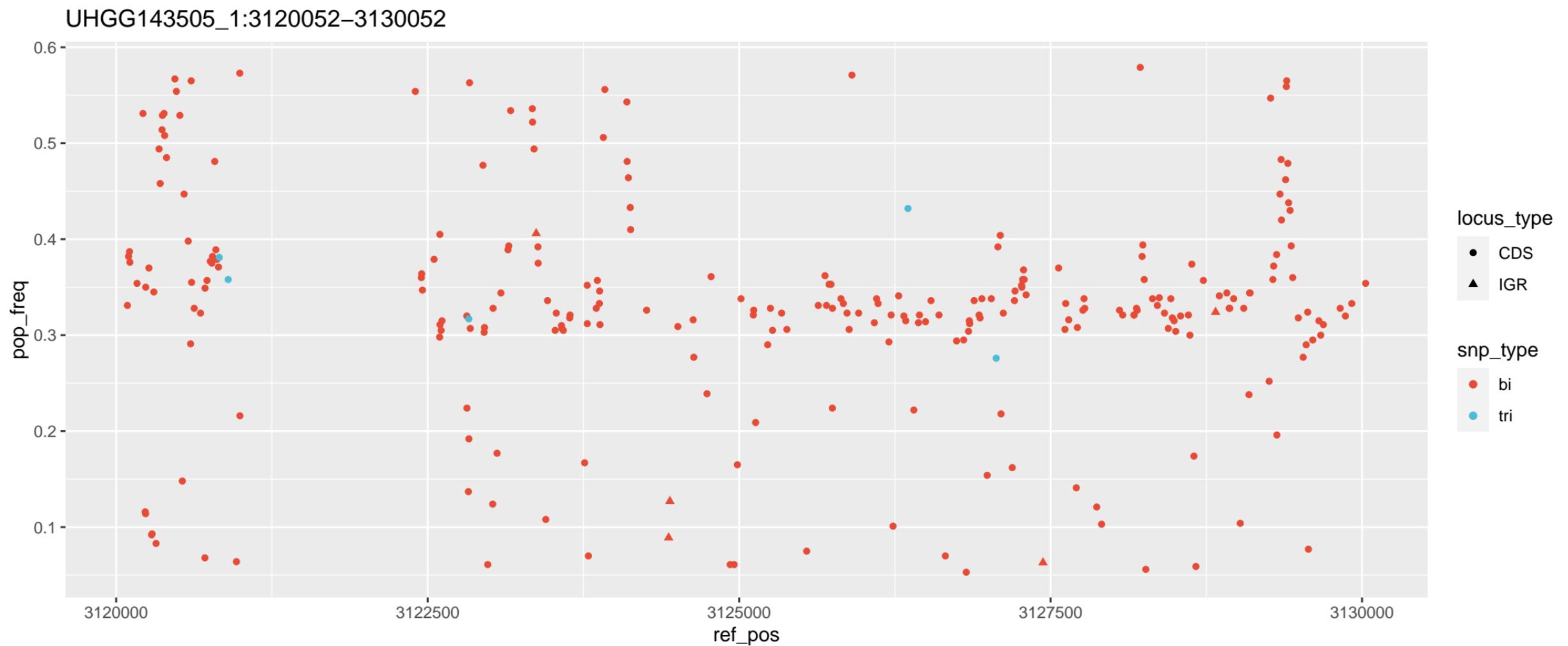


## UHGG143505\_1:3100052–3110052

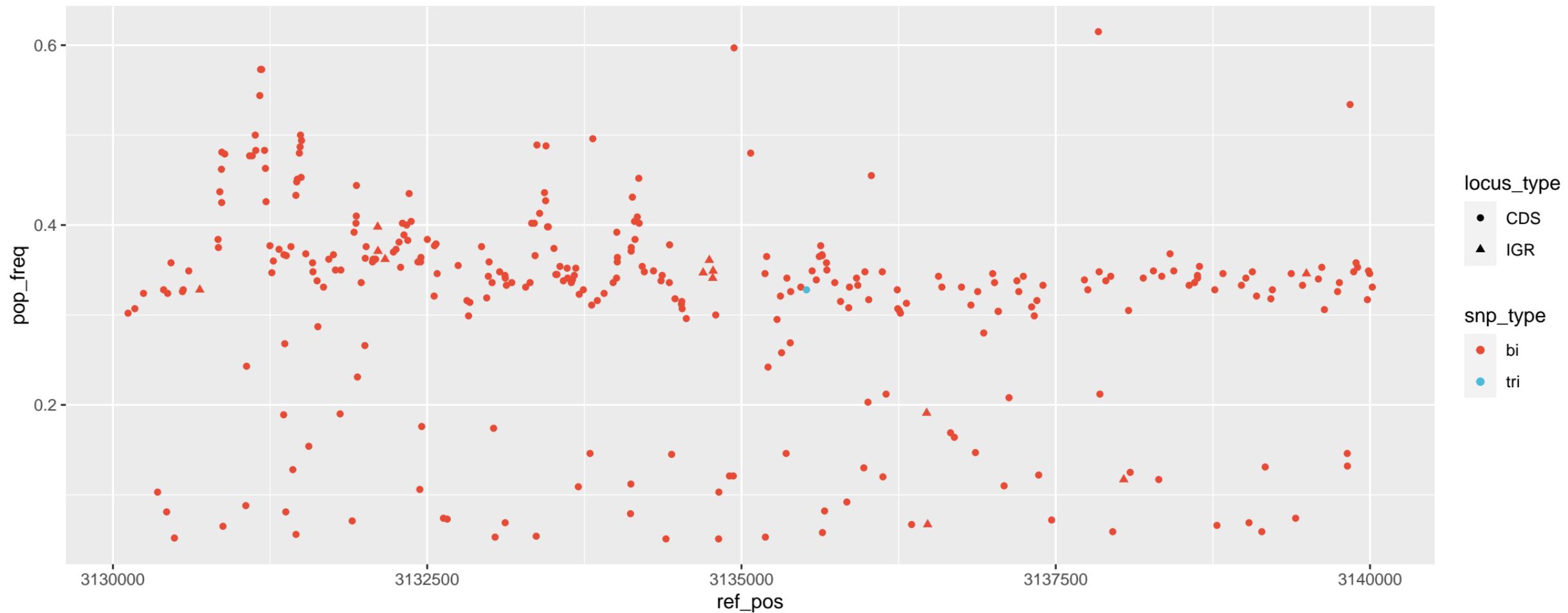


## UHGG143505\_1:3110052–3120052

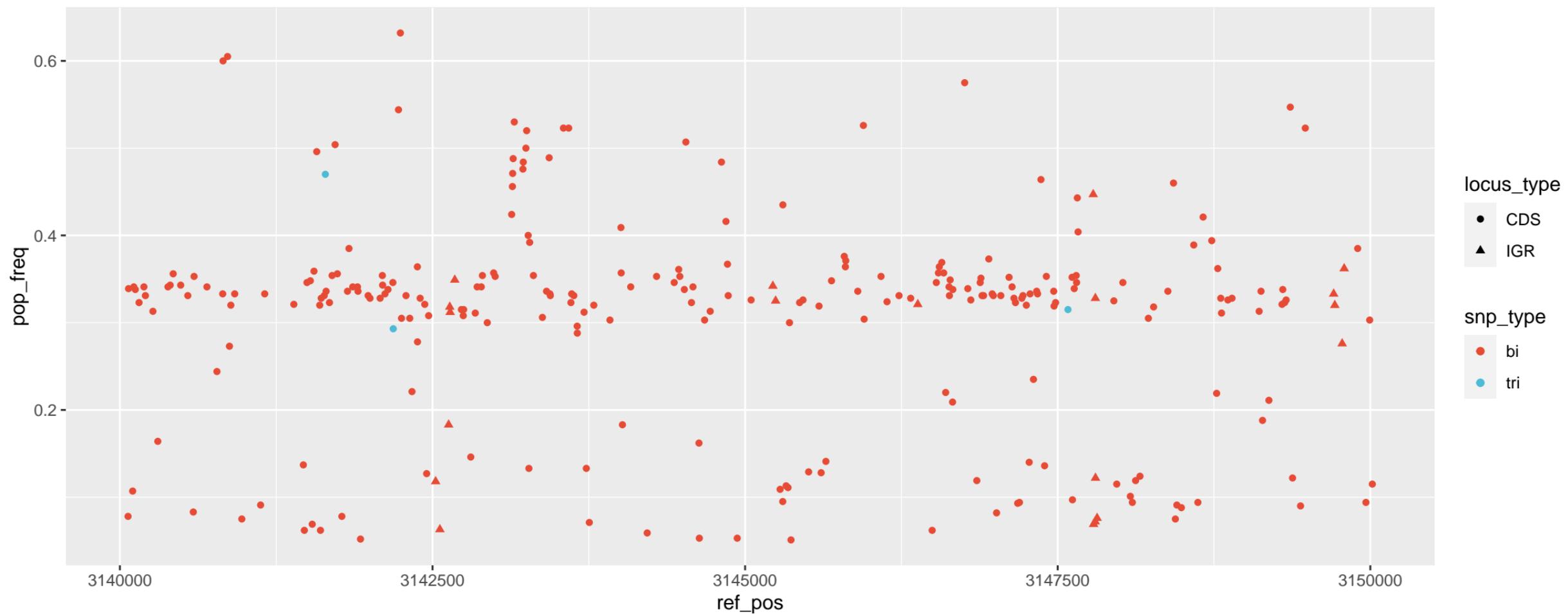




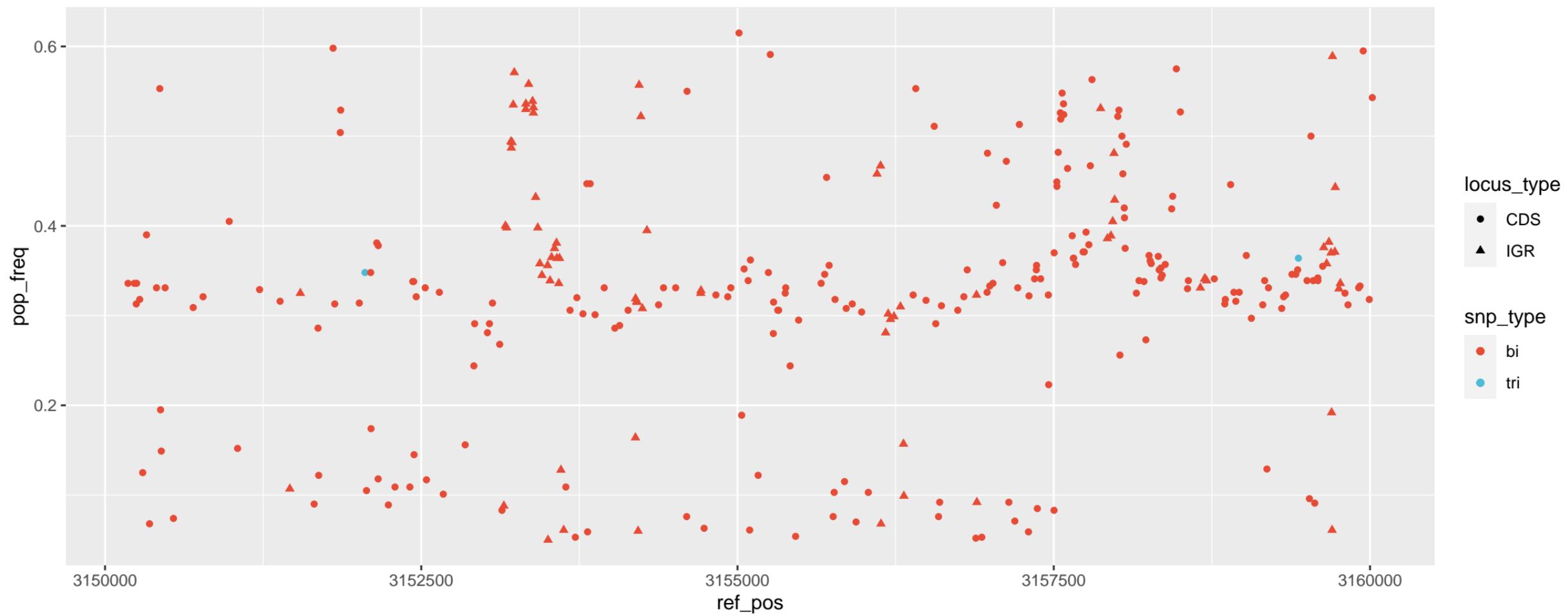
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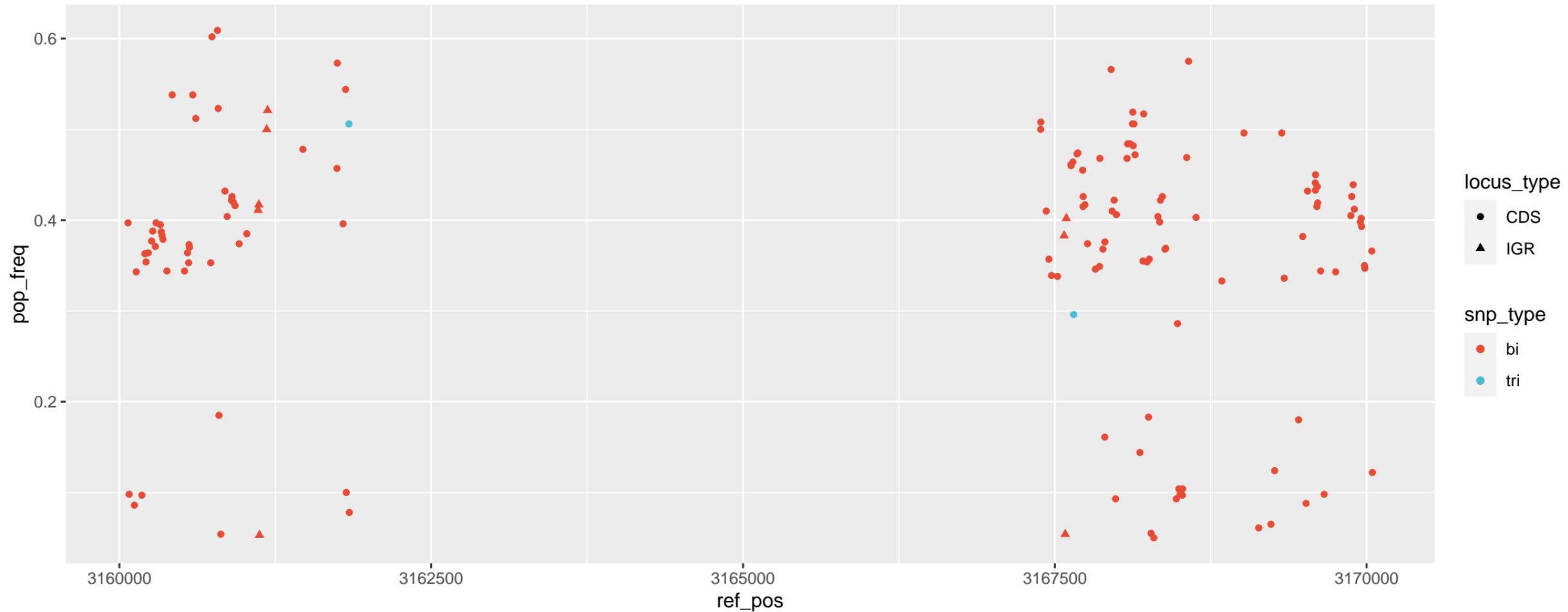
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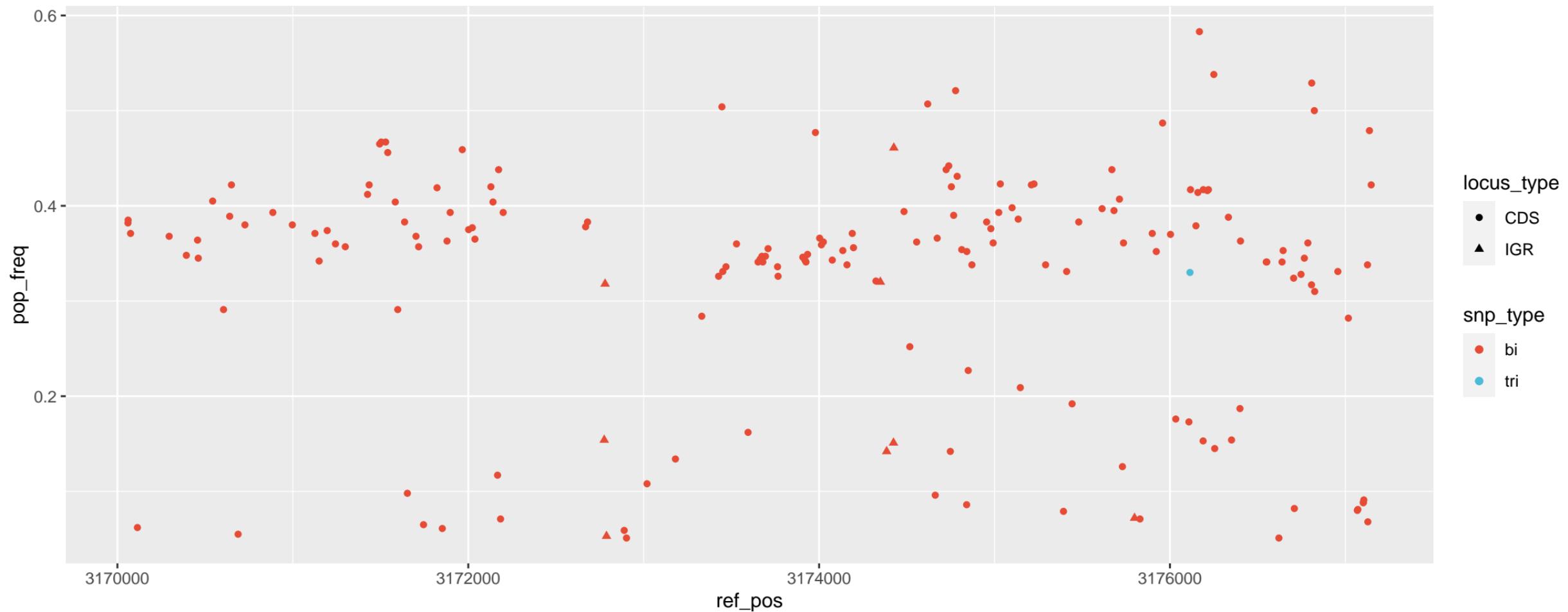
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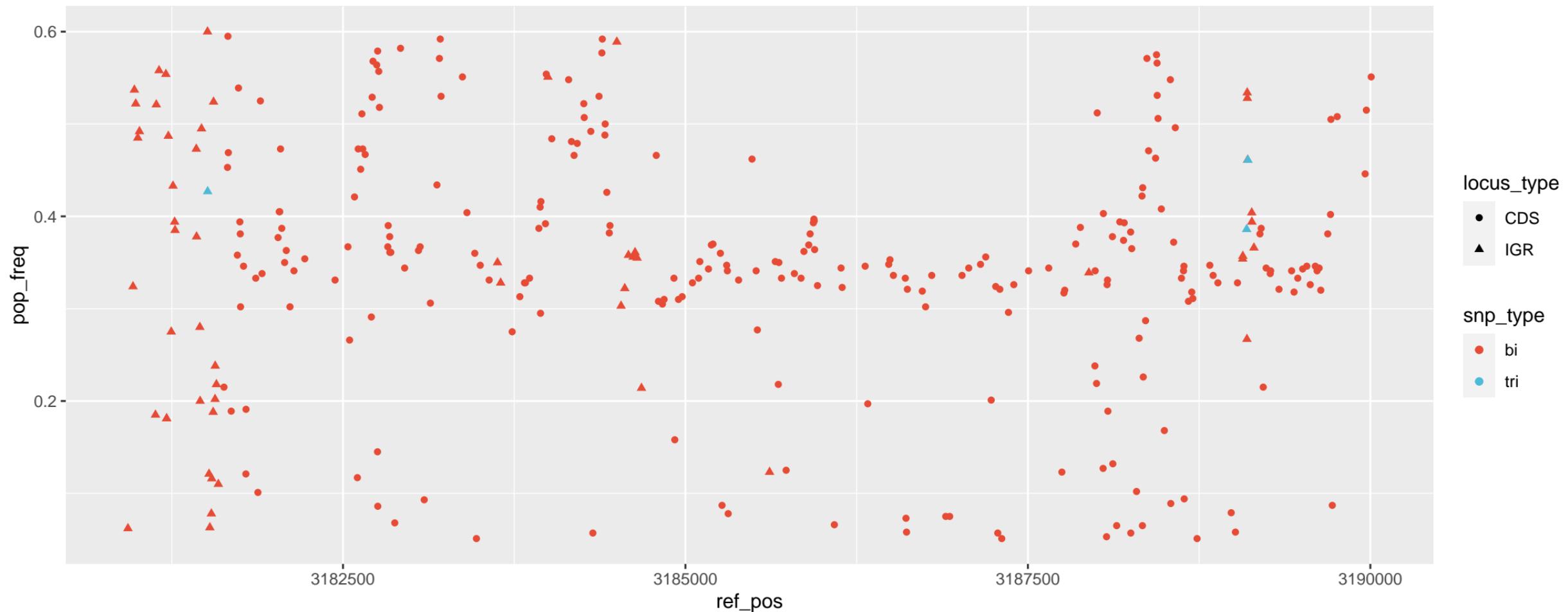
## UHGG143505\_1:3160052–3170052



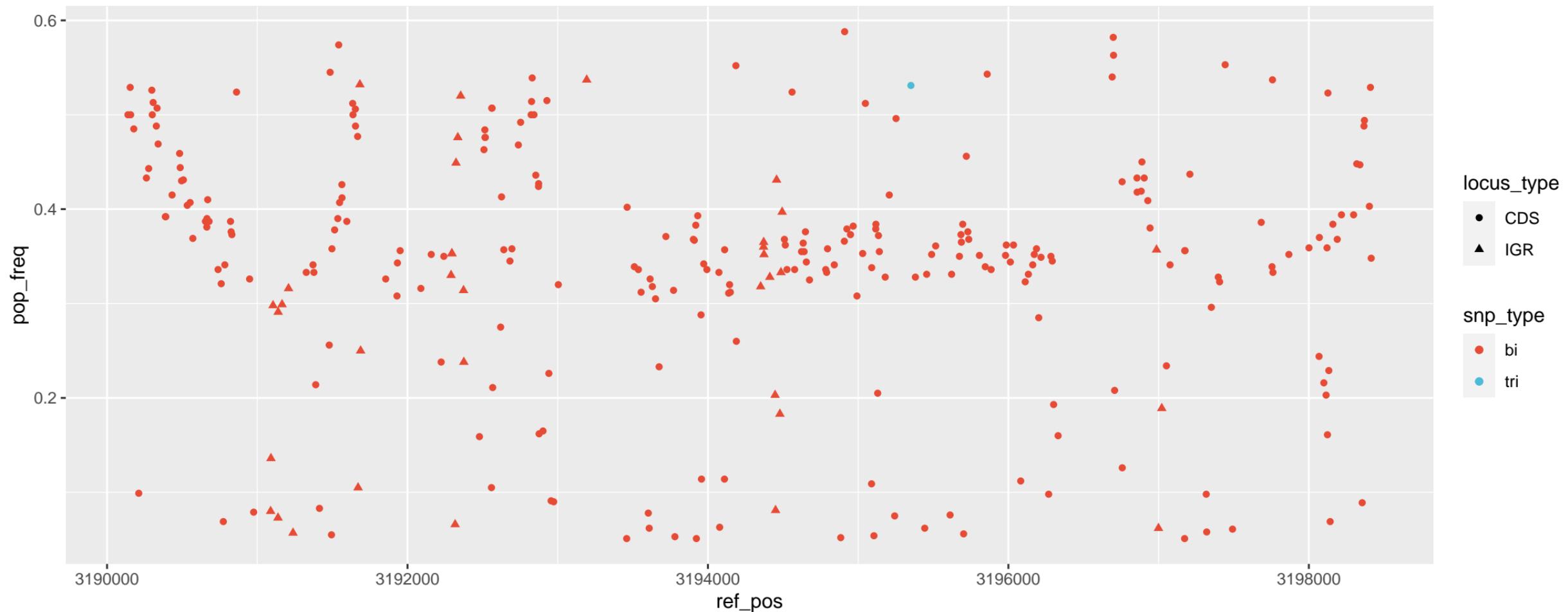
## UHGG143505\_1:3170052–3180052



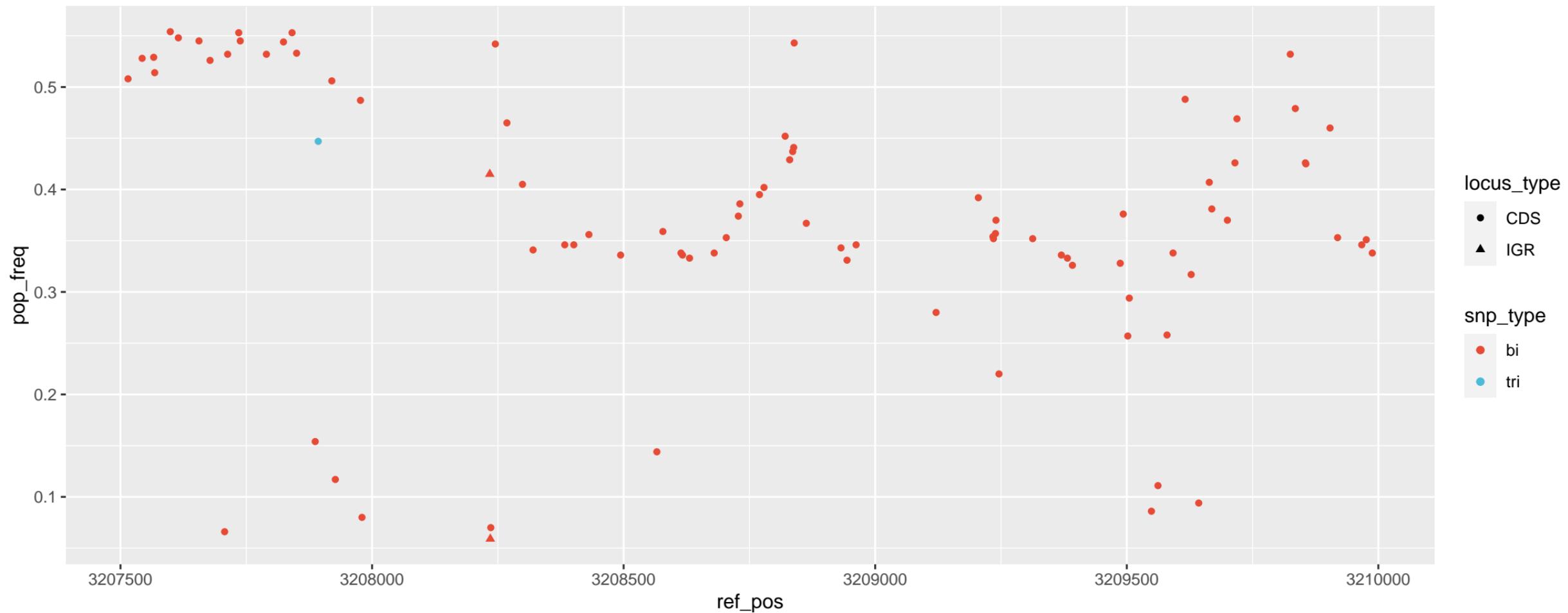
## UHGG143505\_1:3180052–3190052



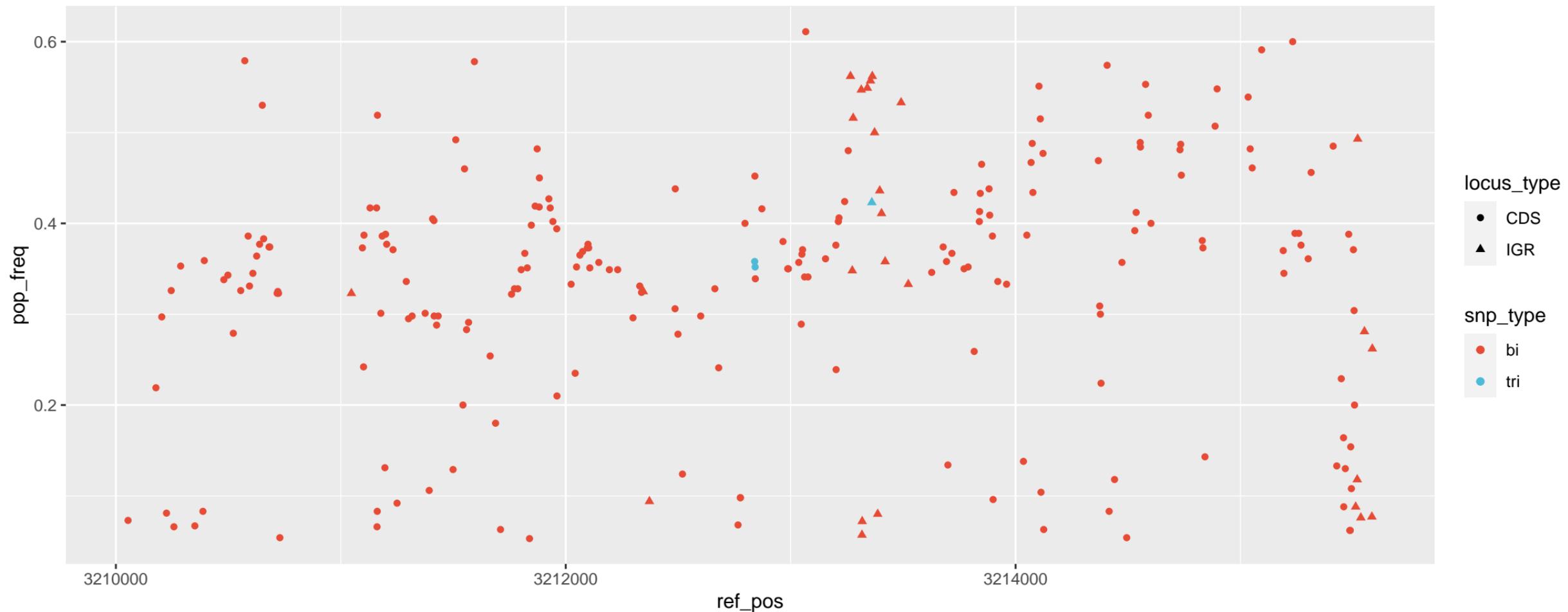
## UHGG143505\_1:3190052–3200052



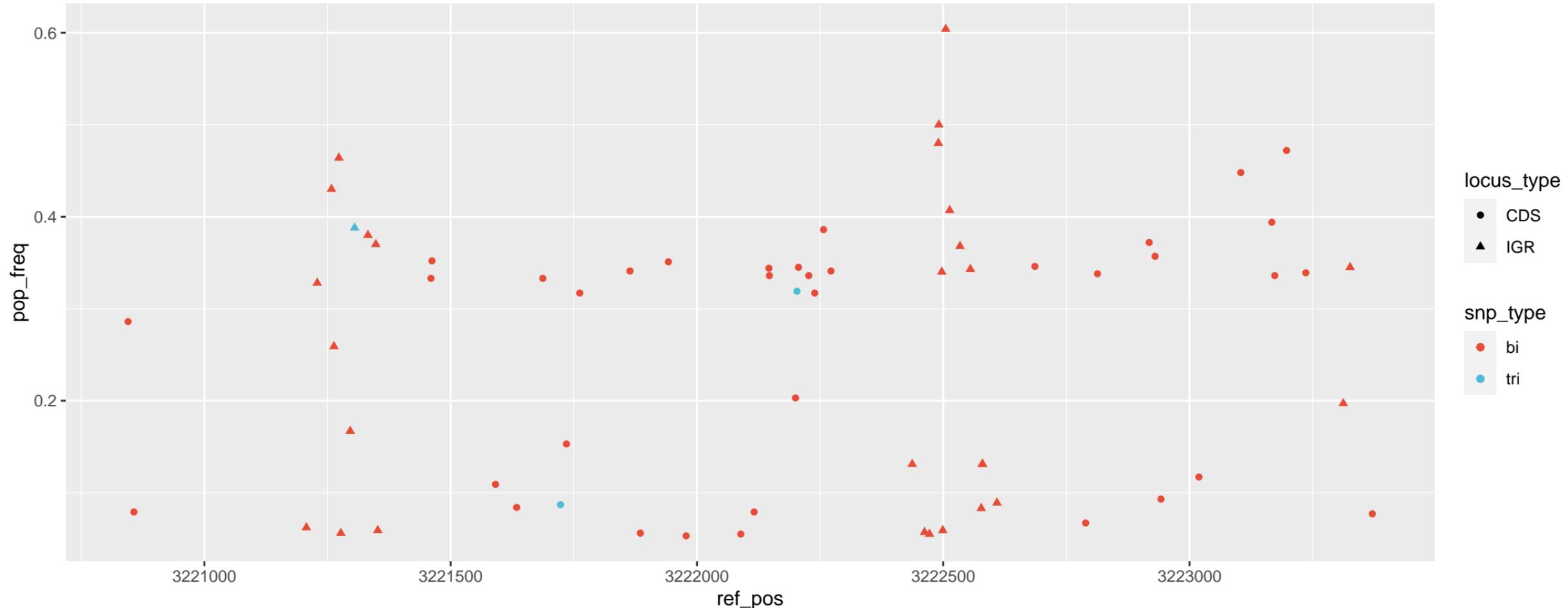
## UHGG143505\_1:3200052–3210052



## UHGG143505\_1:3210052–3220052



## UHGG143505\_1:3220052–3230052

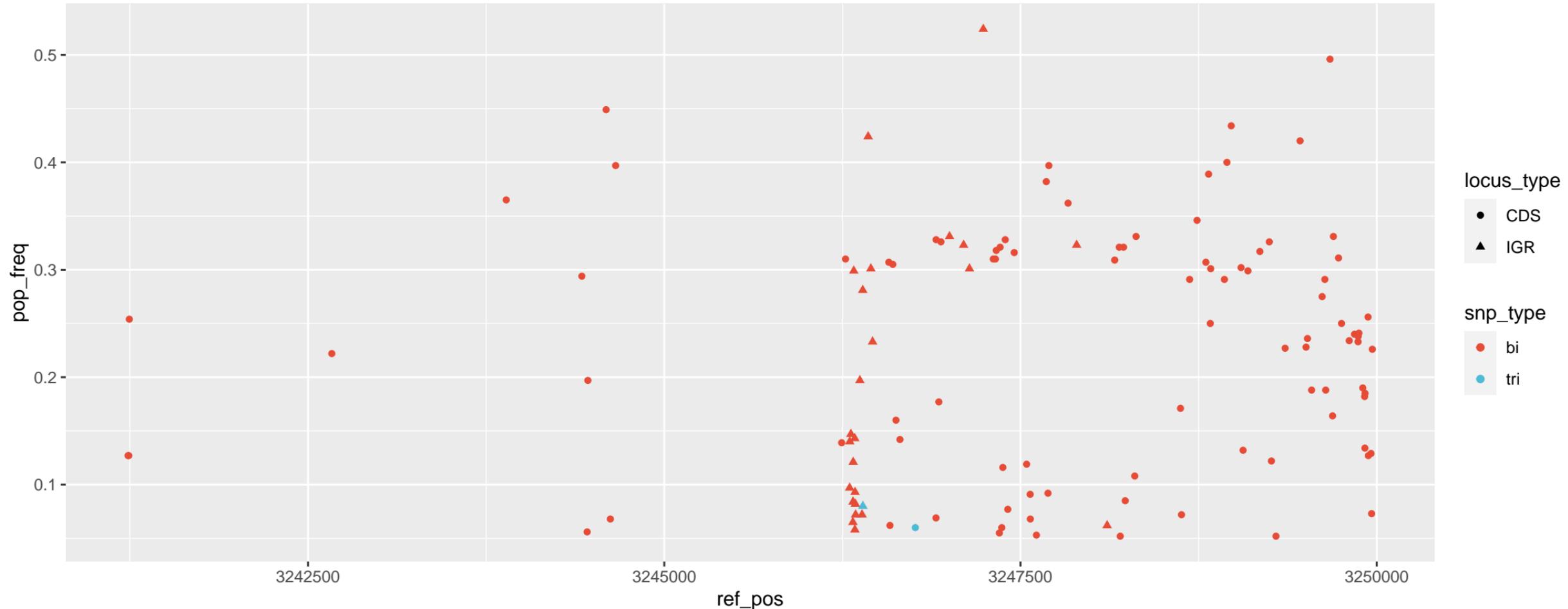


UHGG143505\_1:3230052–3240052

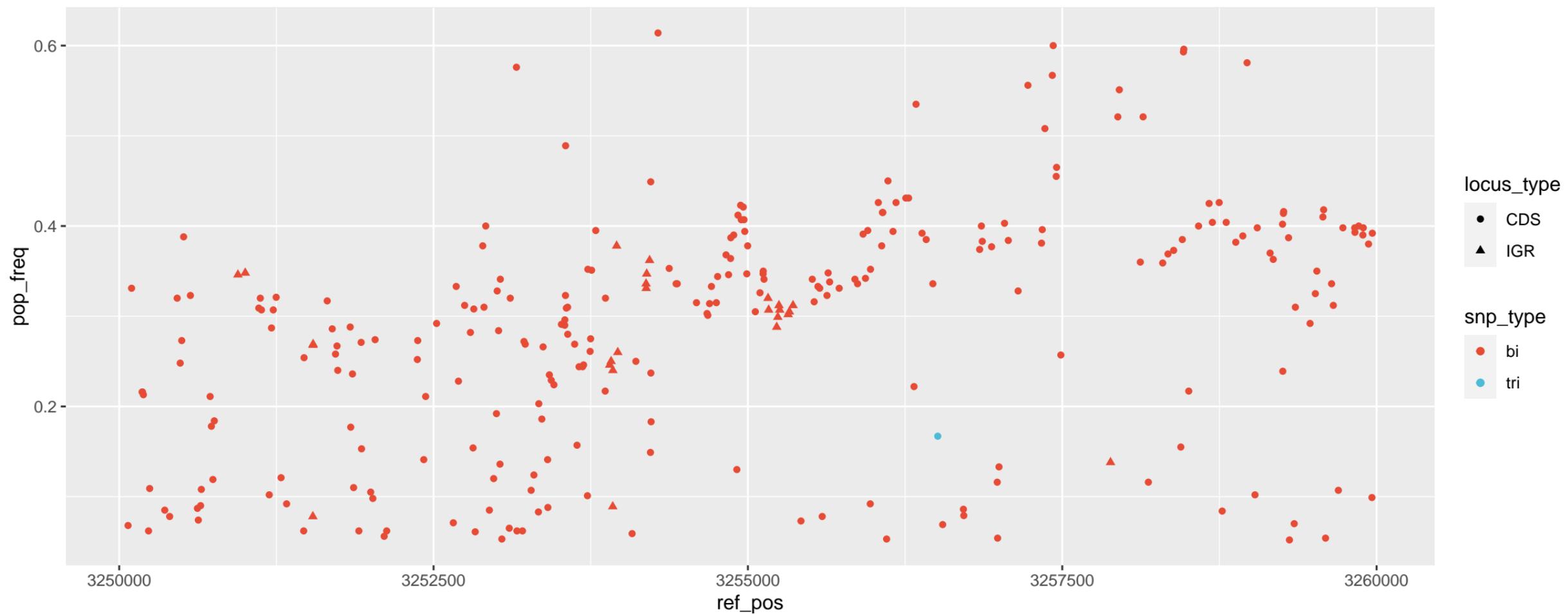
pop\_freq

ref\_pos

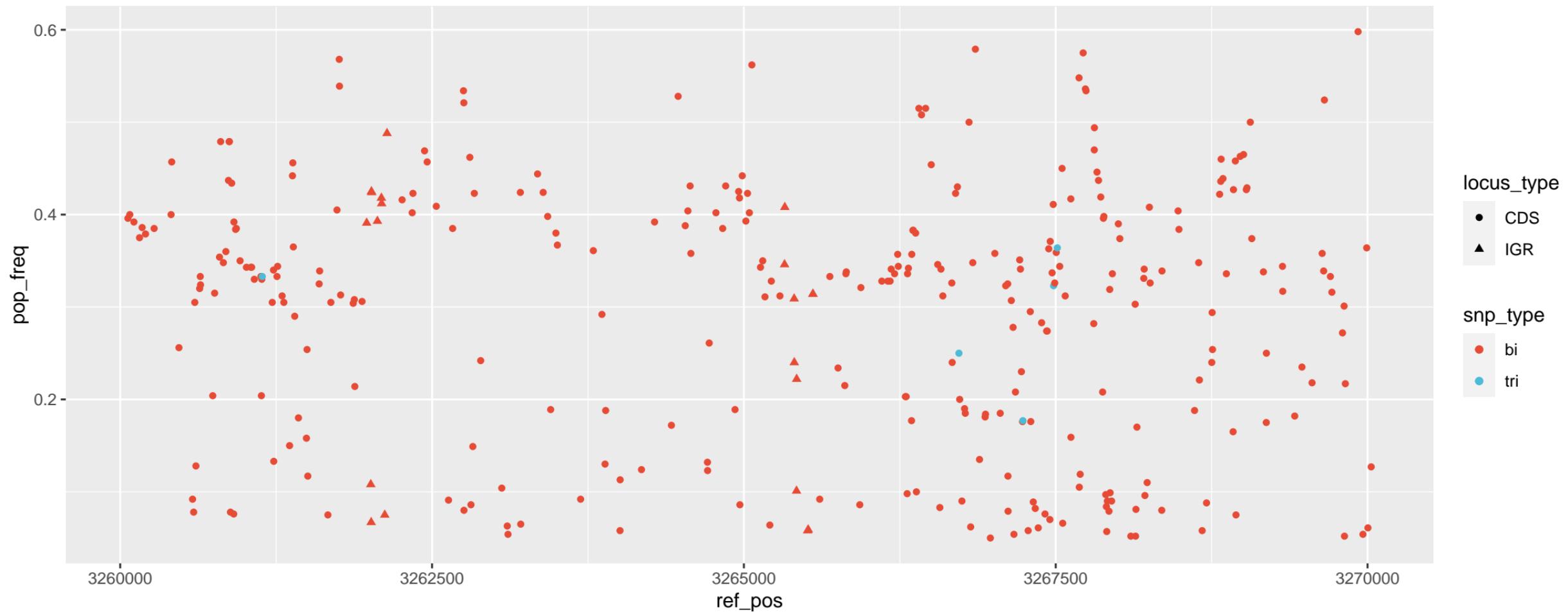
## UHGG143505\_1:3240052–3250052



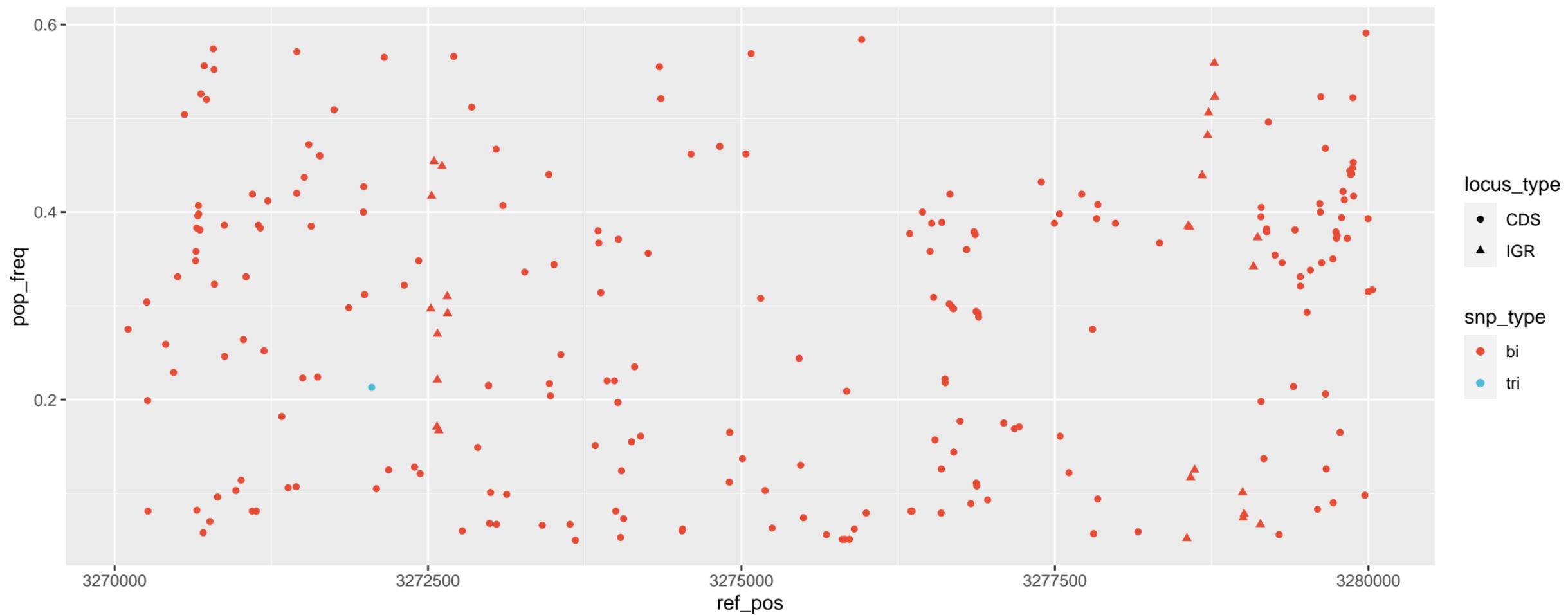
## UHGG143505\_1:3250052–3260052



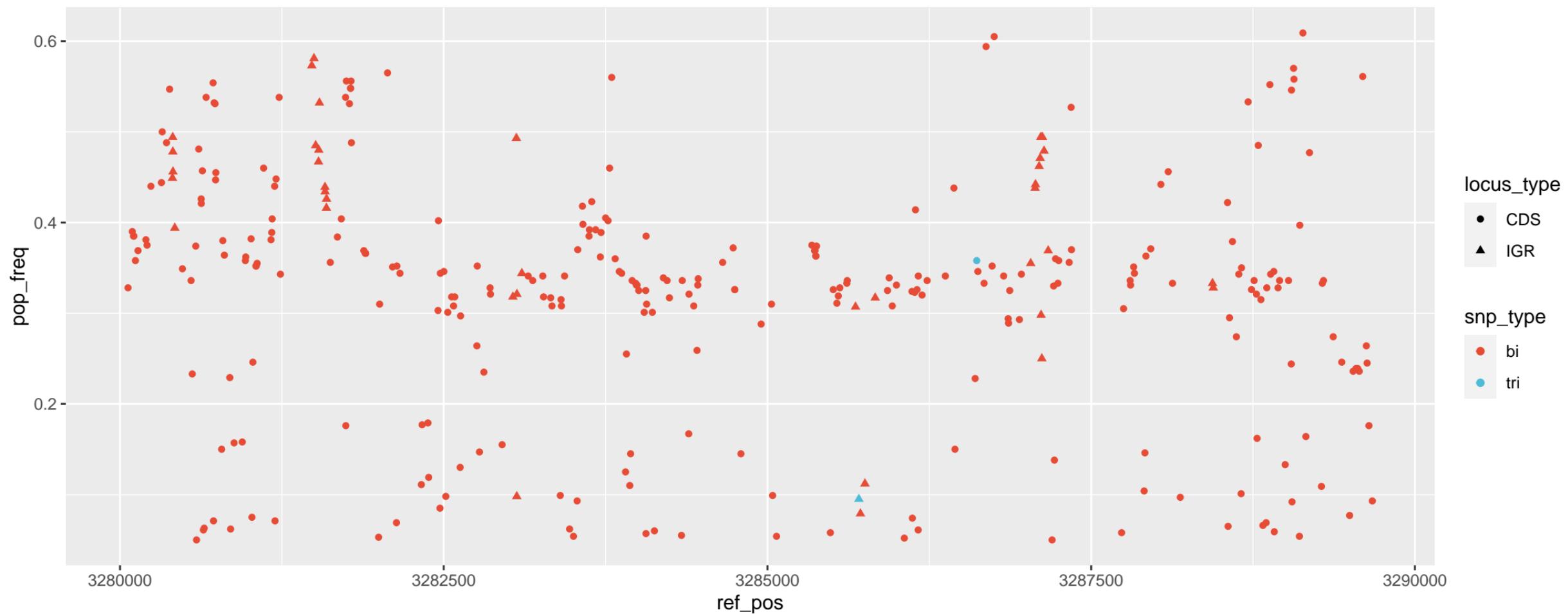
## UHGG143505\_1:3260052–3270052



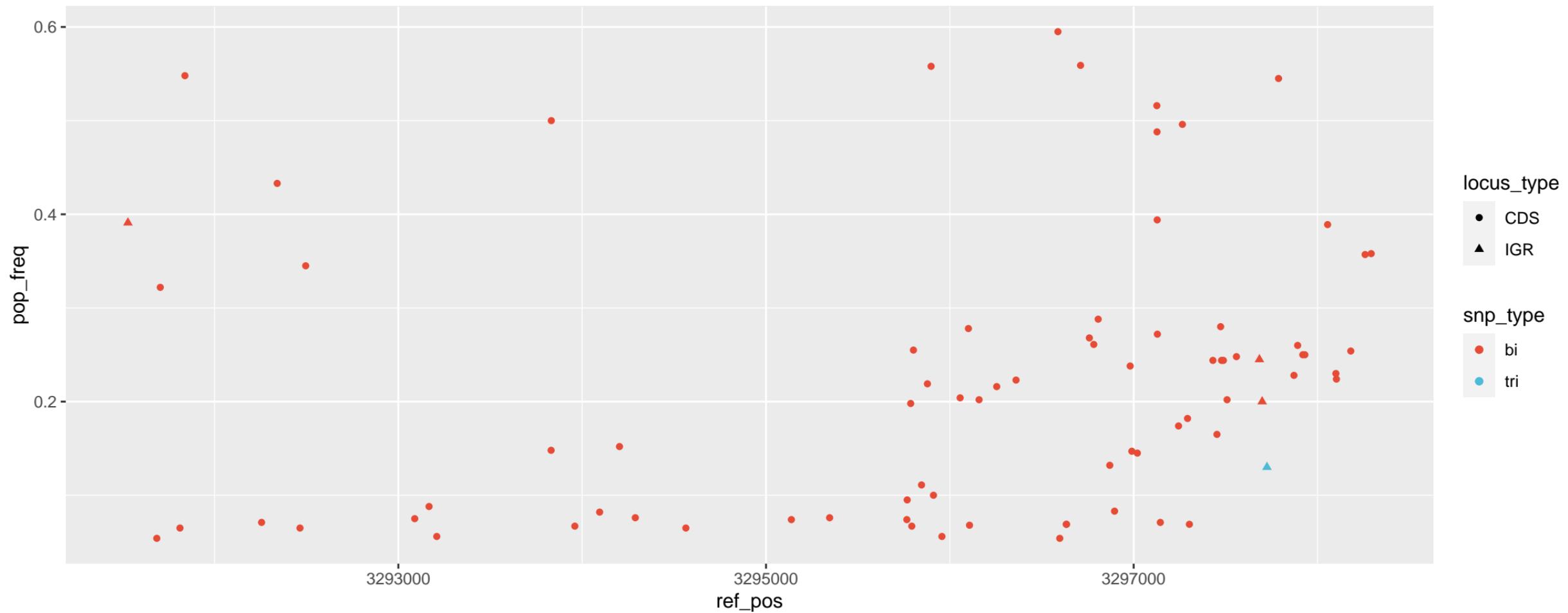
## UHGG143505\_1:3270052–3280052



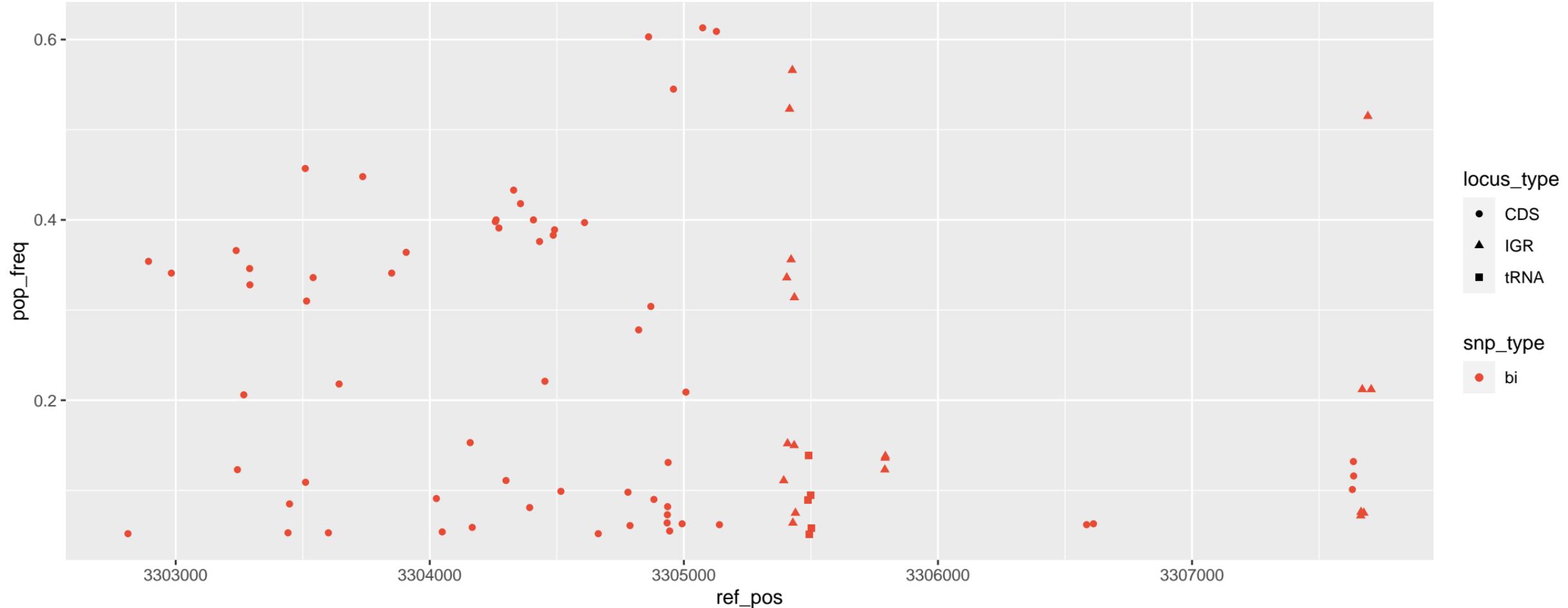
## UHGG143505\_1:3280052–3290052



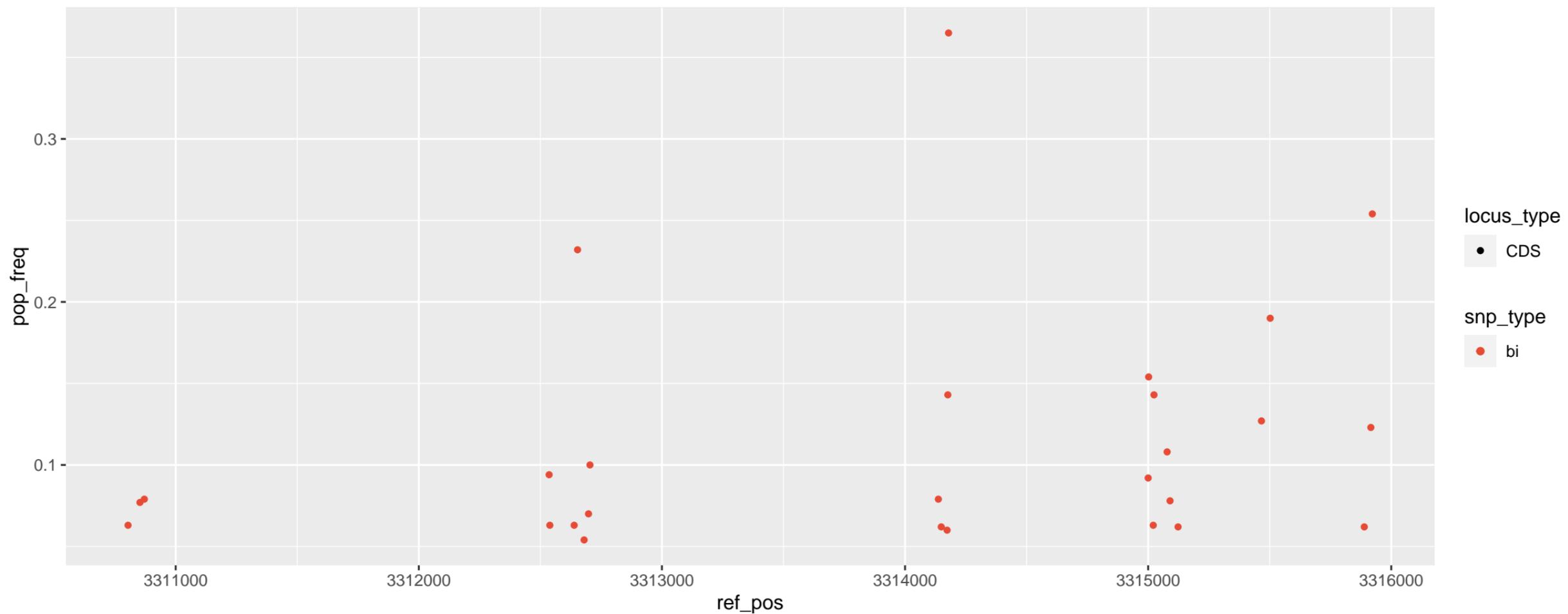
## UHGG143505\_1:3290052–3300052



## UHGG143505\_1:3300052–3310052



## UHGG143505\_1:3310052–3320052



UHGG143505\_1:3320052–3330052

pop\_freq

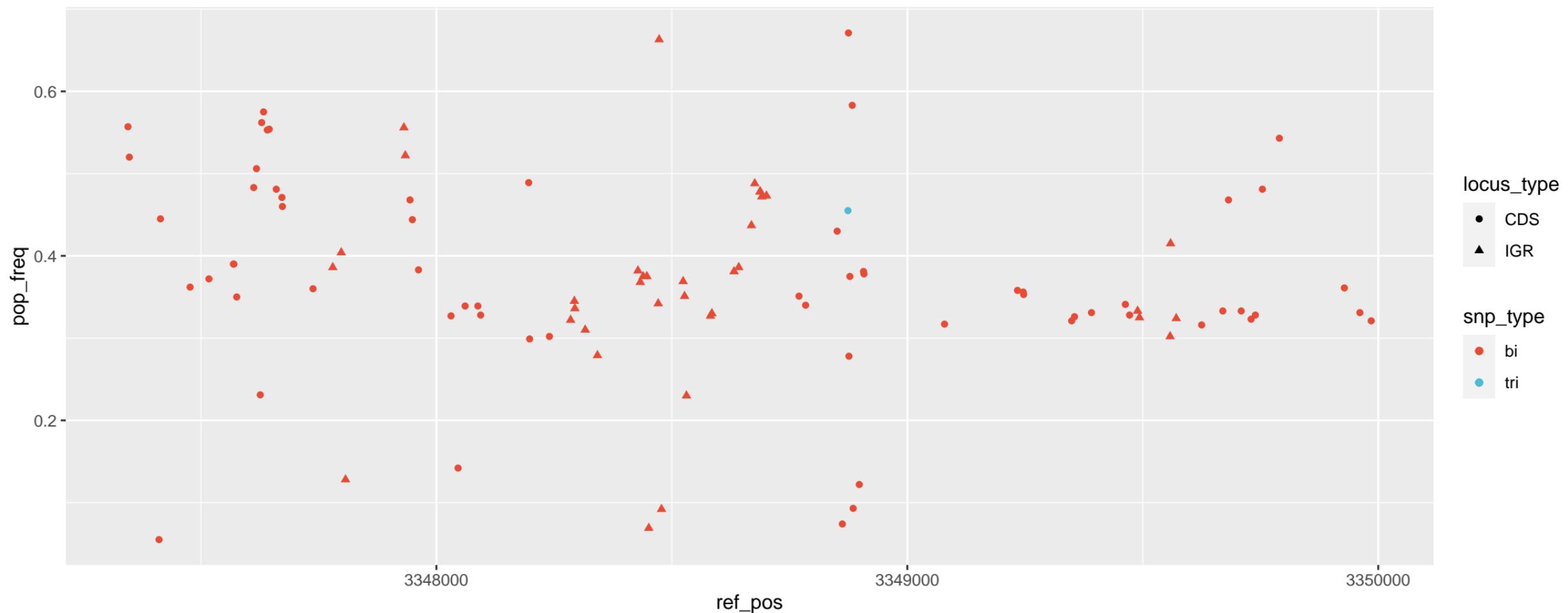
ref\_pos

UHGG143505\_1:3330052–3340052

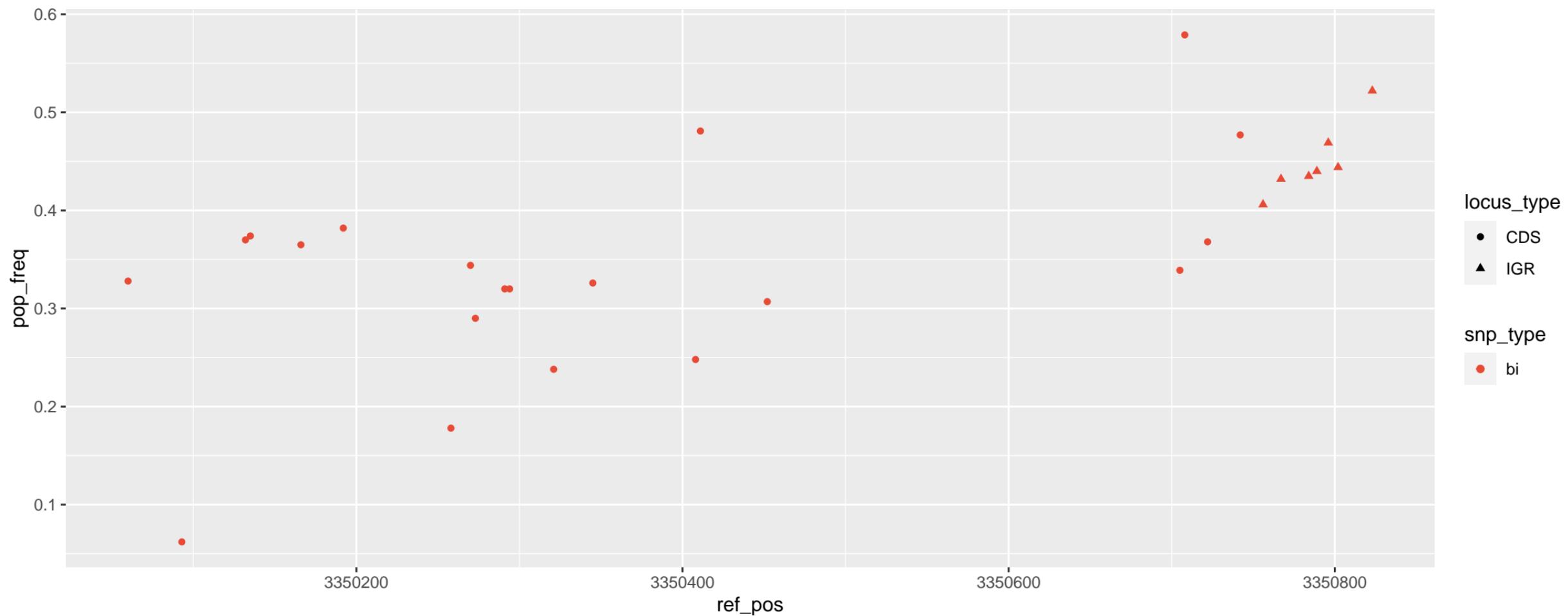
pop\_freq

ref\_pos

## UHGG143505\_1:3340052–3350052



## UHGG143505\_1:3350052–3360052



UHGG143505\_1:3360052–3370052

pop\_freq

ref\_pos

UHGG143505\_1:3370052–3380052

pop\_freq

ref\_pos

UHGG143505\_1:3380052–3390052

pop\_freq

ref\_pos

UHGG143505\_1:3390052–3400052

pop\_freq

ref\_pos

UHGG143505\_1:3400052–3410052

pop\_freq

ref\_pos

UHGG143505\_1:3410052–3420052

pop\_freq

ref\_pos

UHGG143505\_1:3420052–3430052

pop\_freq

ref\_pos

UHGG143505\_1:3430052–3440052

pop\_freq

ref\_pos

UHGG143505\_1:3440052–3450052

pop\_freq

ref\_pos

UHGG143505\_1:3450052–3460052

pop\_freq

ref\_pos

UHGG143505\_1:3460052–3470052

pop\_freq

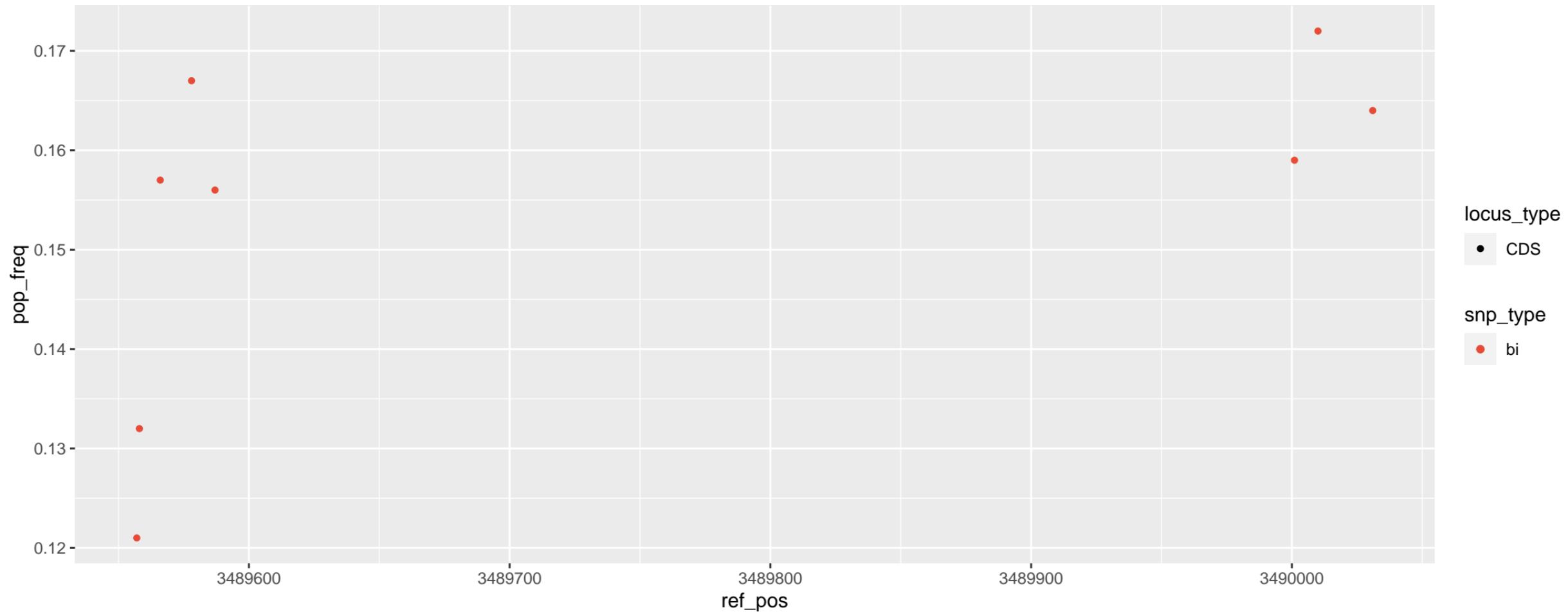
ref\_pos

UHGG143505\_1:3470052–3480052

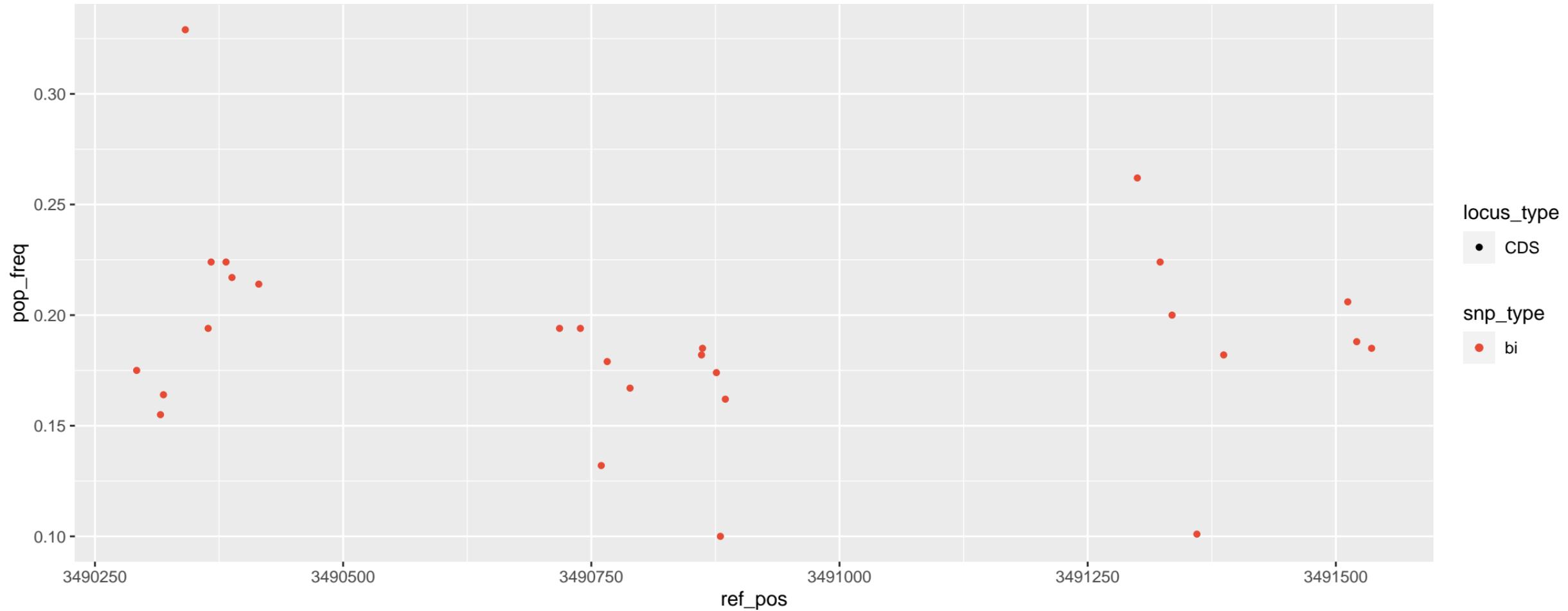
pop\_freq

ref\_pos

## UHGG143505\_1:3480052–3490052



## UHGG143505\_1:3490052–3500052



UHGG143505\_1:3500052–3510052

pop\_freq

ref\_pos

UHGG143505\_1:3510052–3520052

pop\_freq

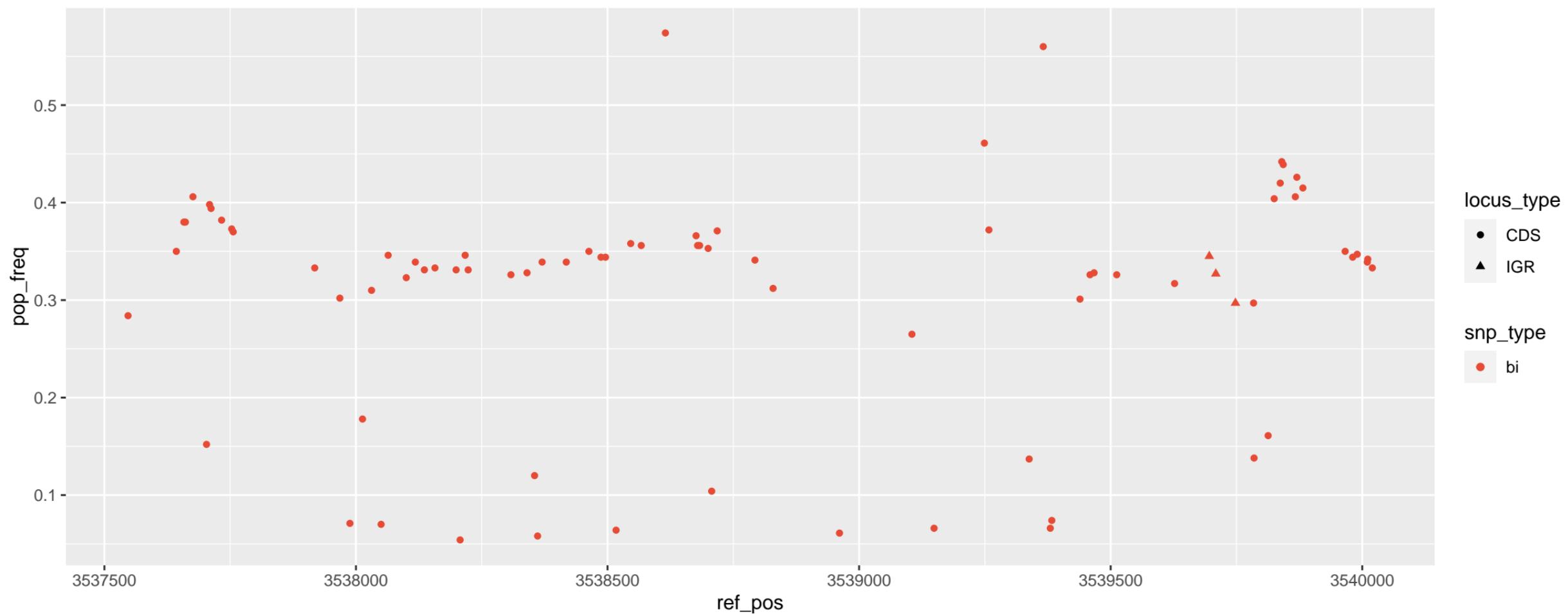
ref\_pos

UHGG143505\_1:3520052–3530052

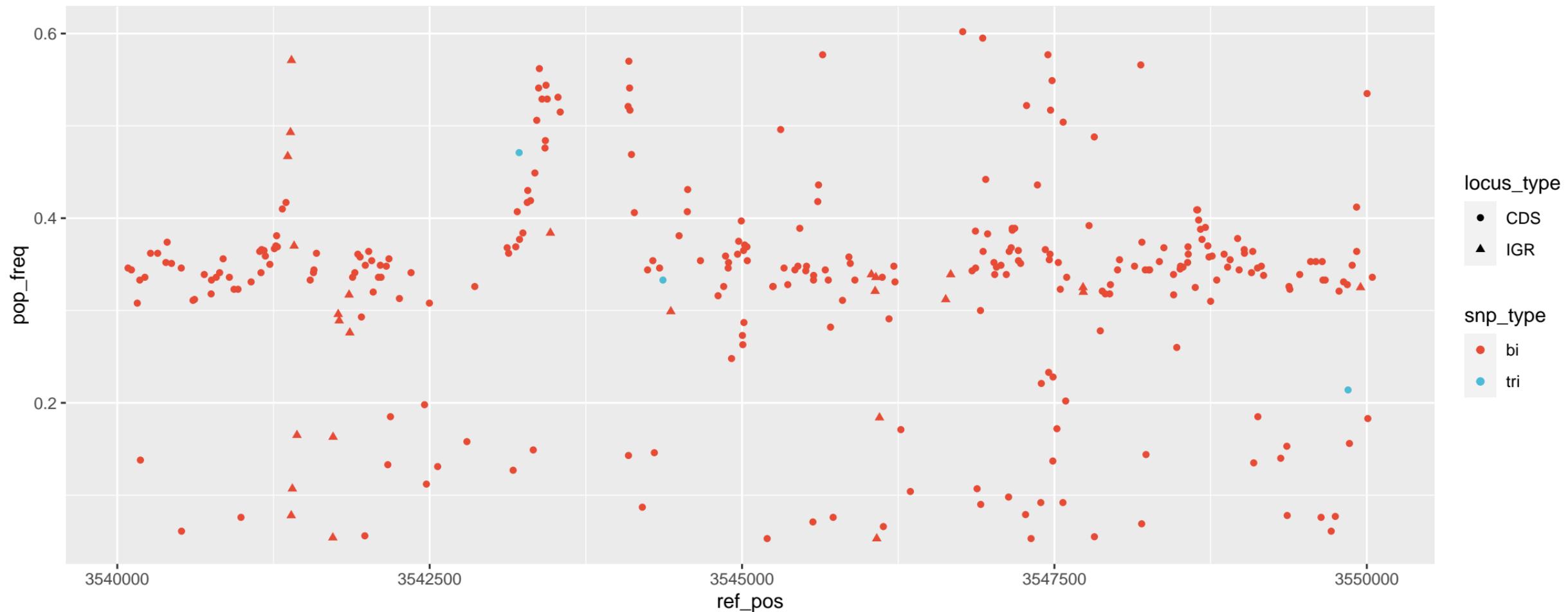
pop\_freq

ref\_pos

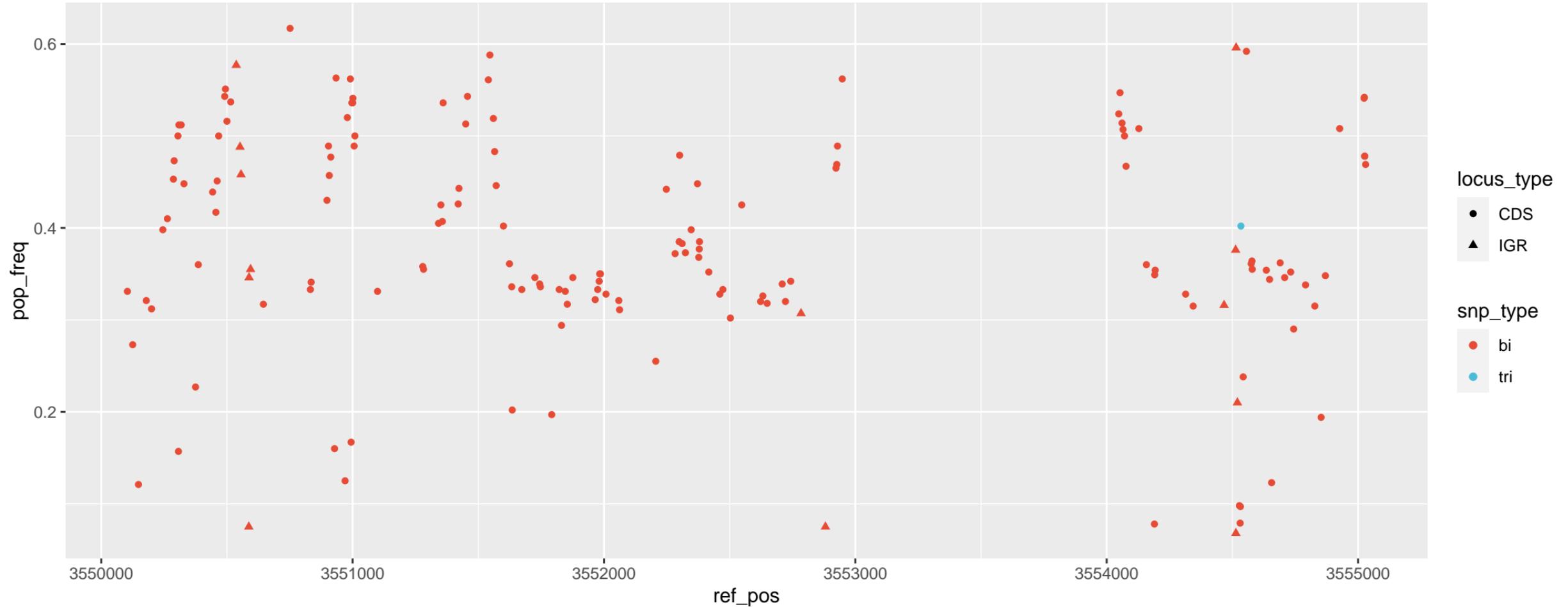
## UHGG143505\_1:3530052–3540052



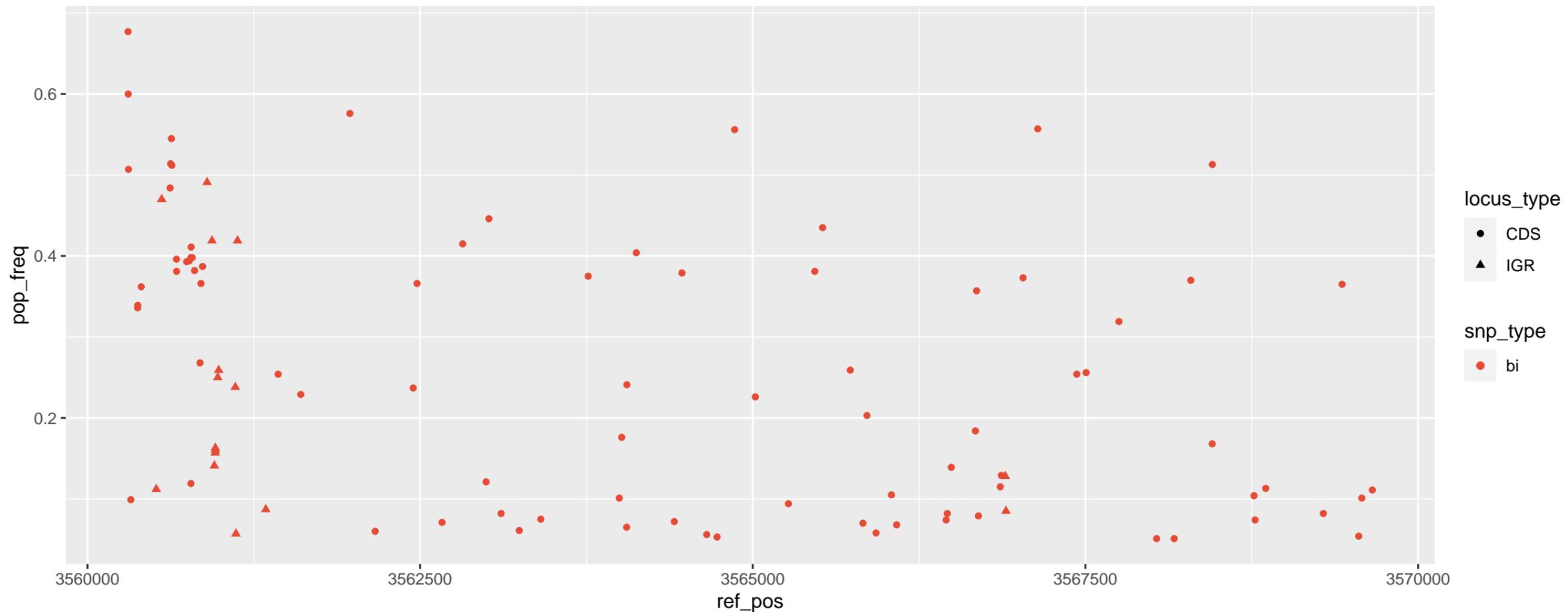
## UHGG143505\_1:3540052–3550052



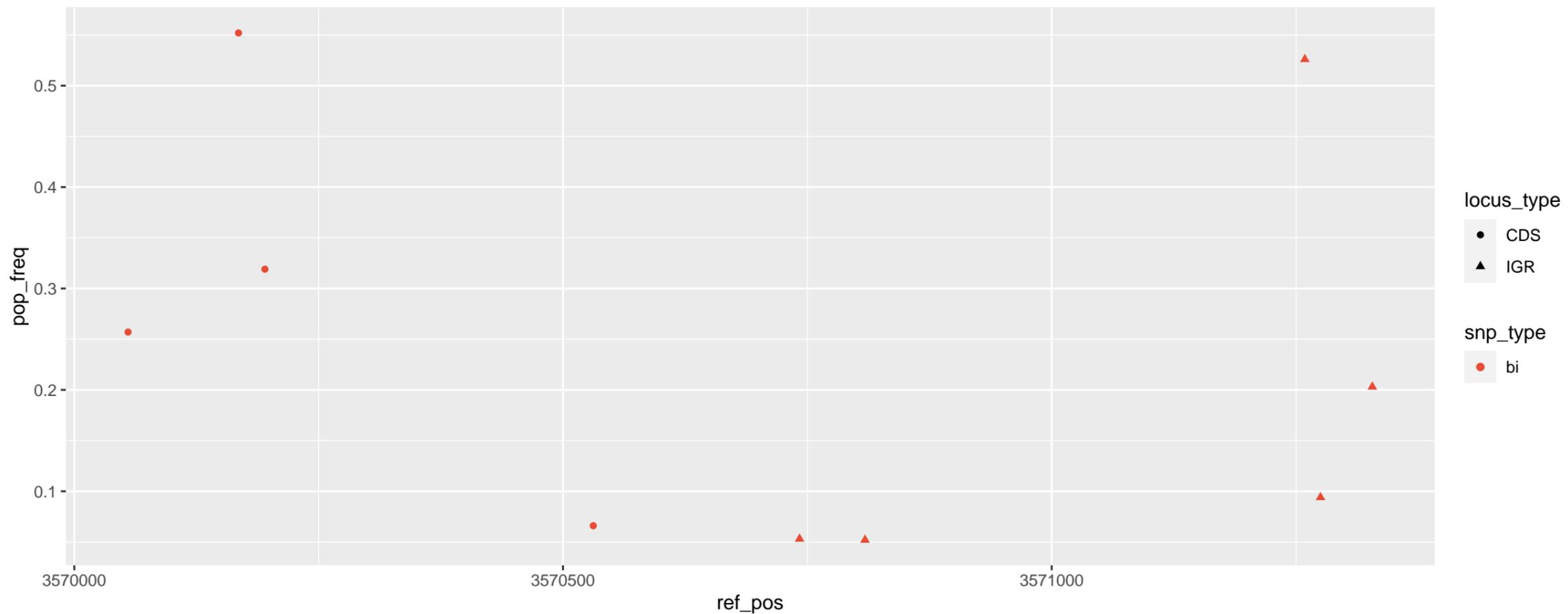
## UHGG143505\_1:3550052–3560052



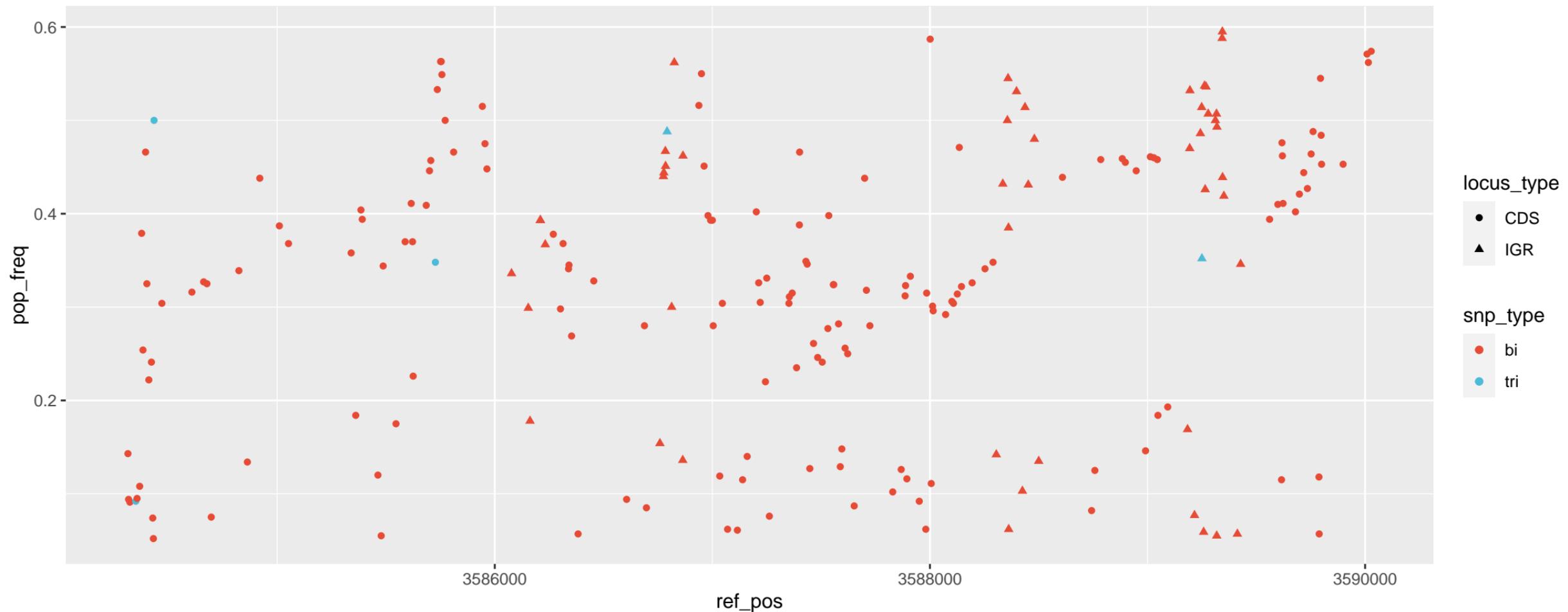
## UHGG143505\_1:3560052–3570052



## UHGG143505\_1:3570052–3580052



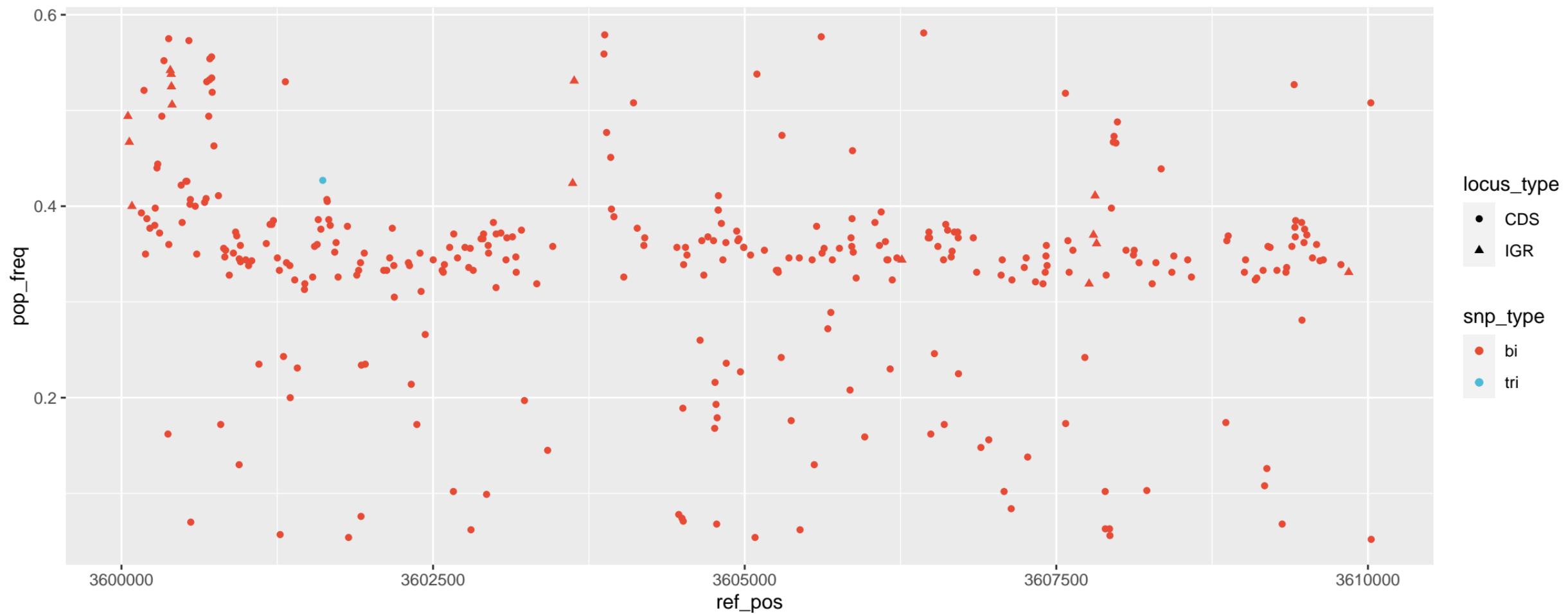
## UHGG143505\_1:3580052–3590052



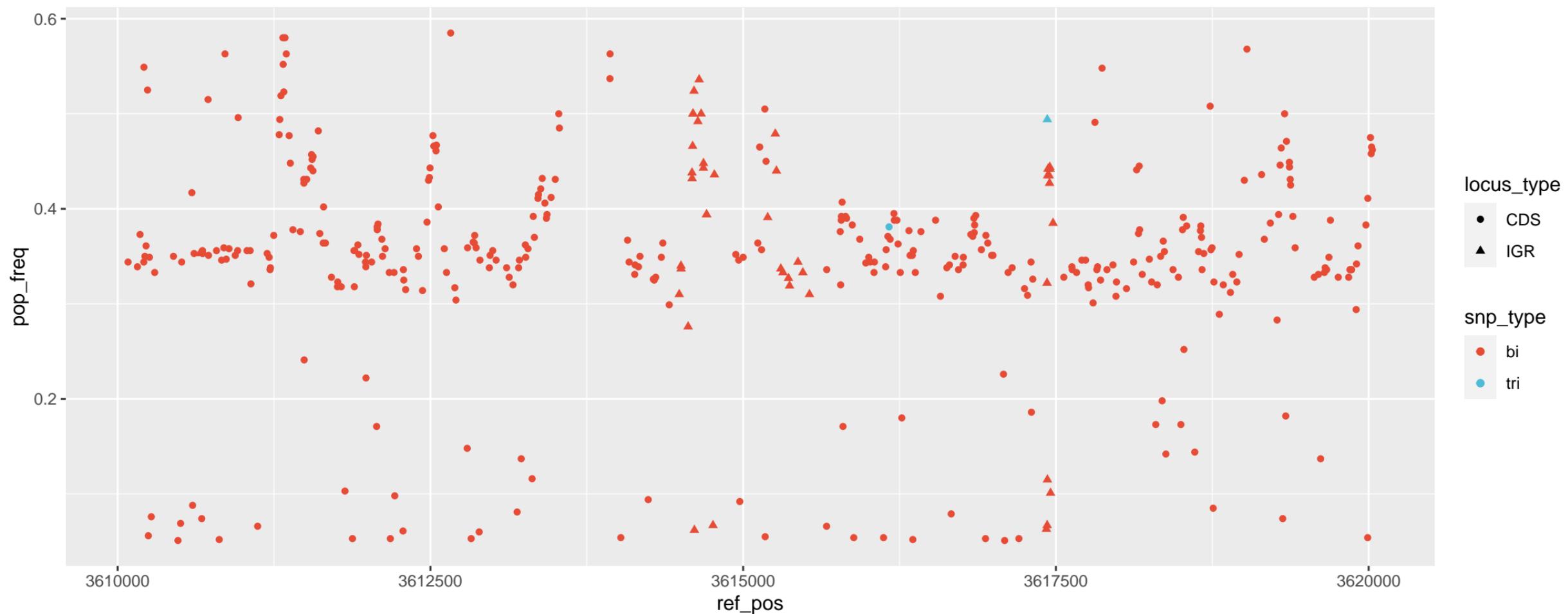
## UHGG143505\_1:3590052–3600052



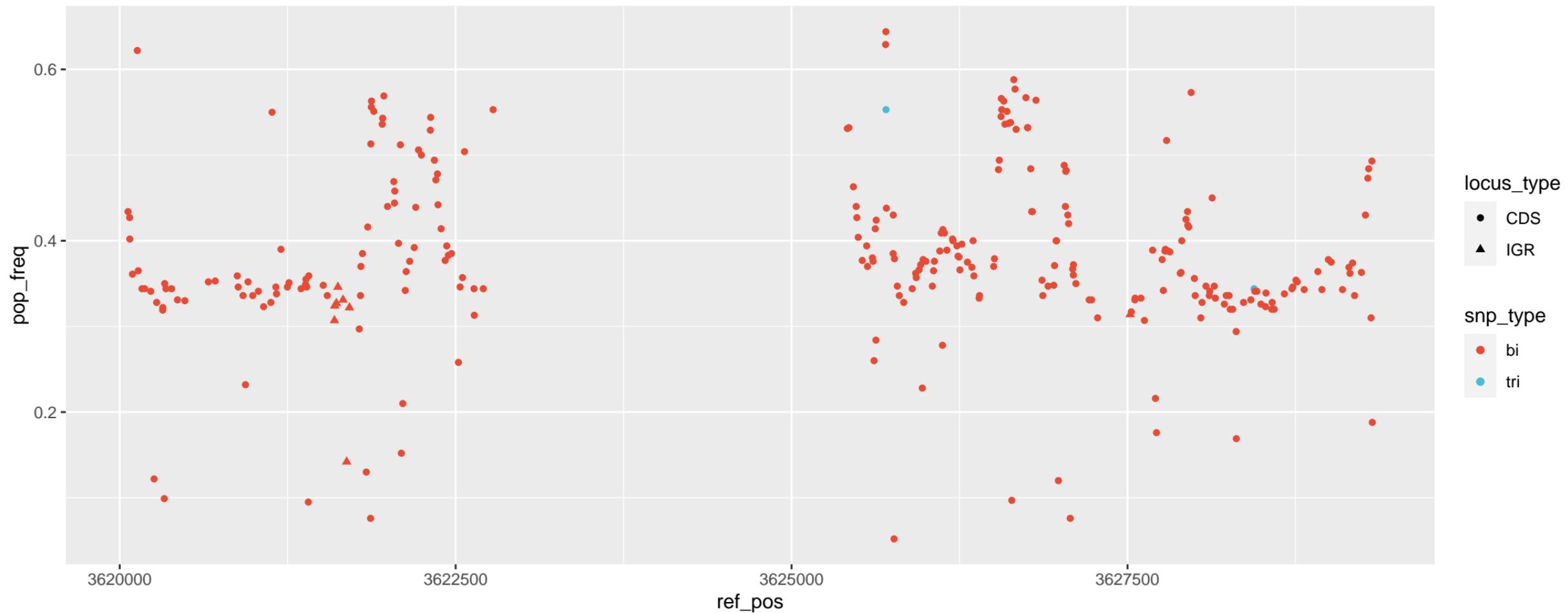
## UHGG143505\_1:3600052–3610052



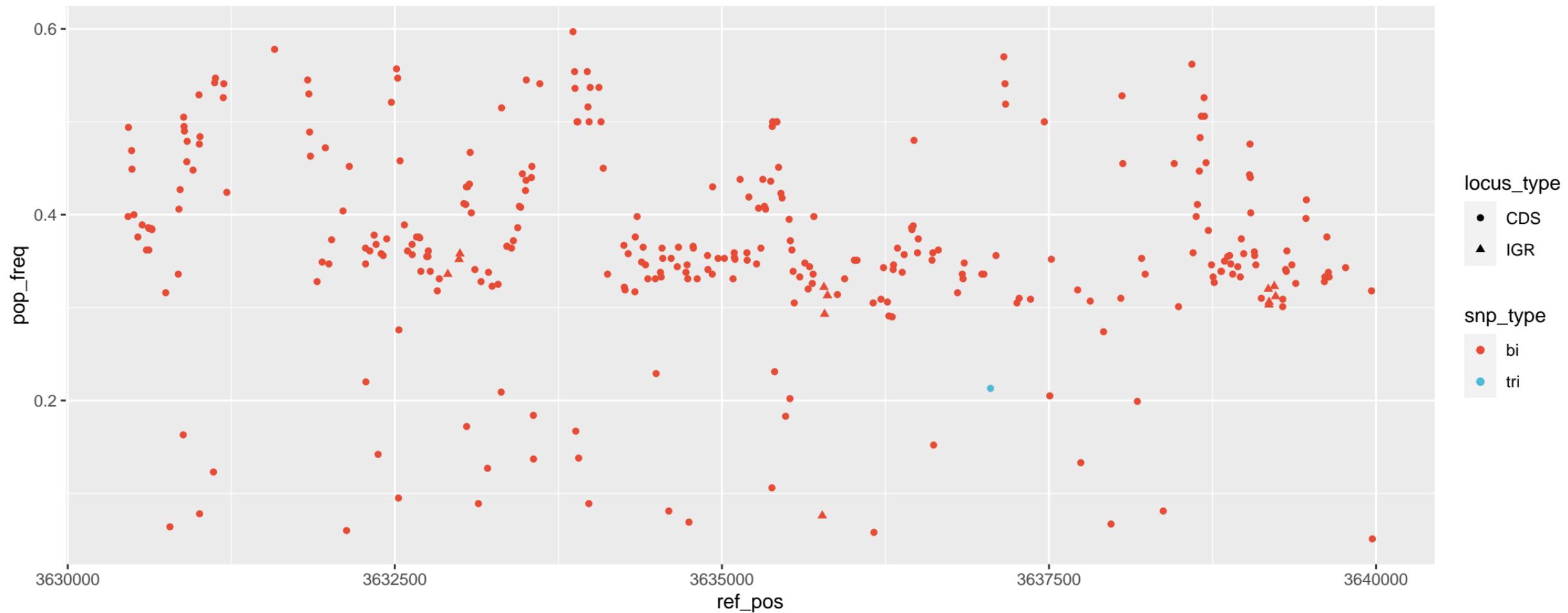
## UHGG143505\_1:3610052–3620052



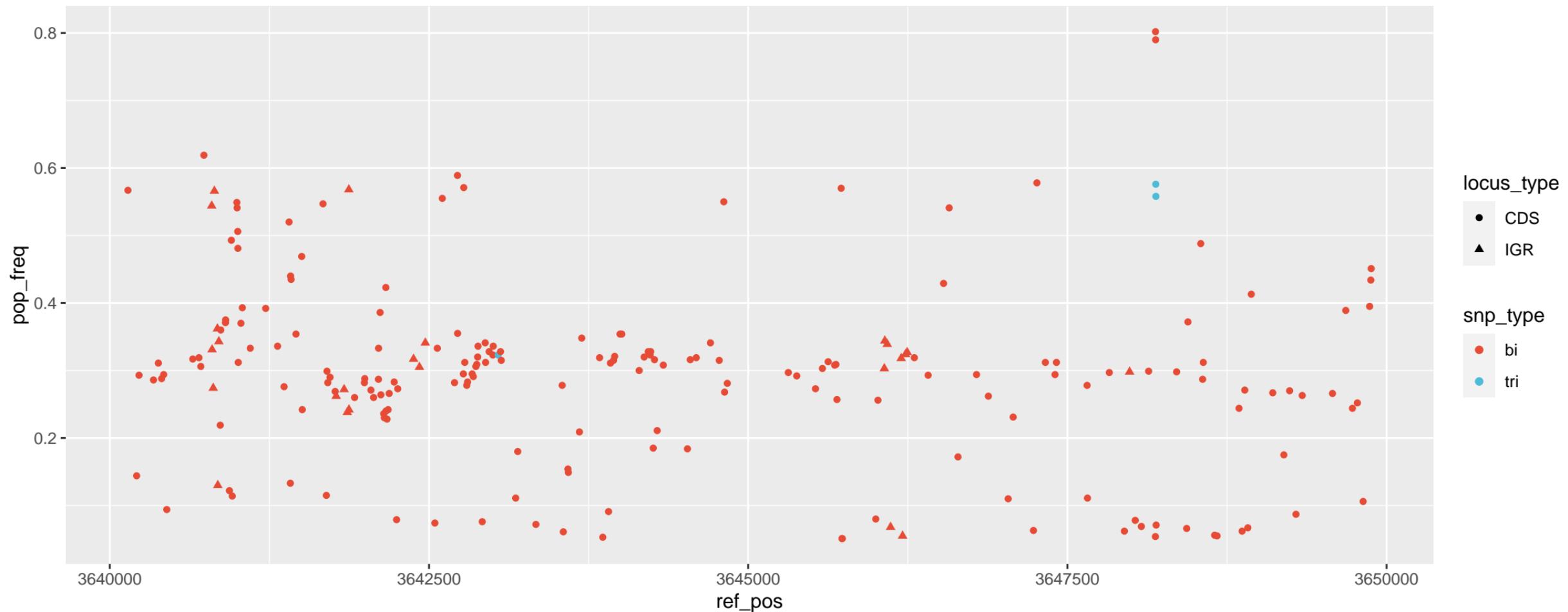
## UHGG143505\_1:3620052–3630052



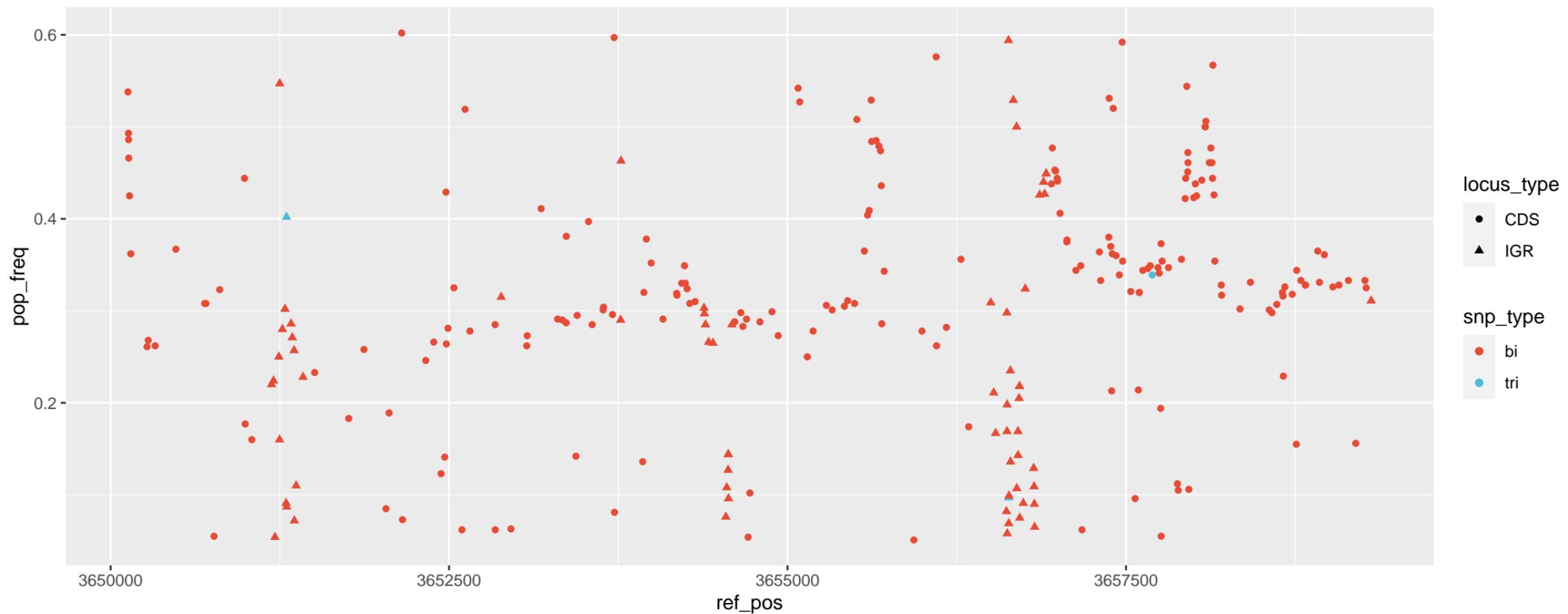
## UHGG143505\_1:3630052–3640052



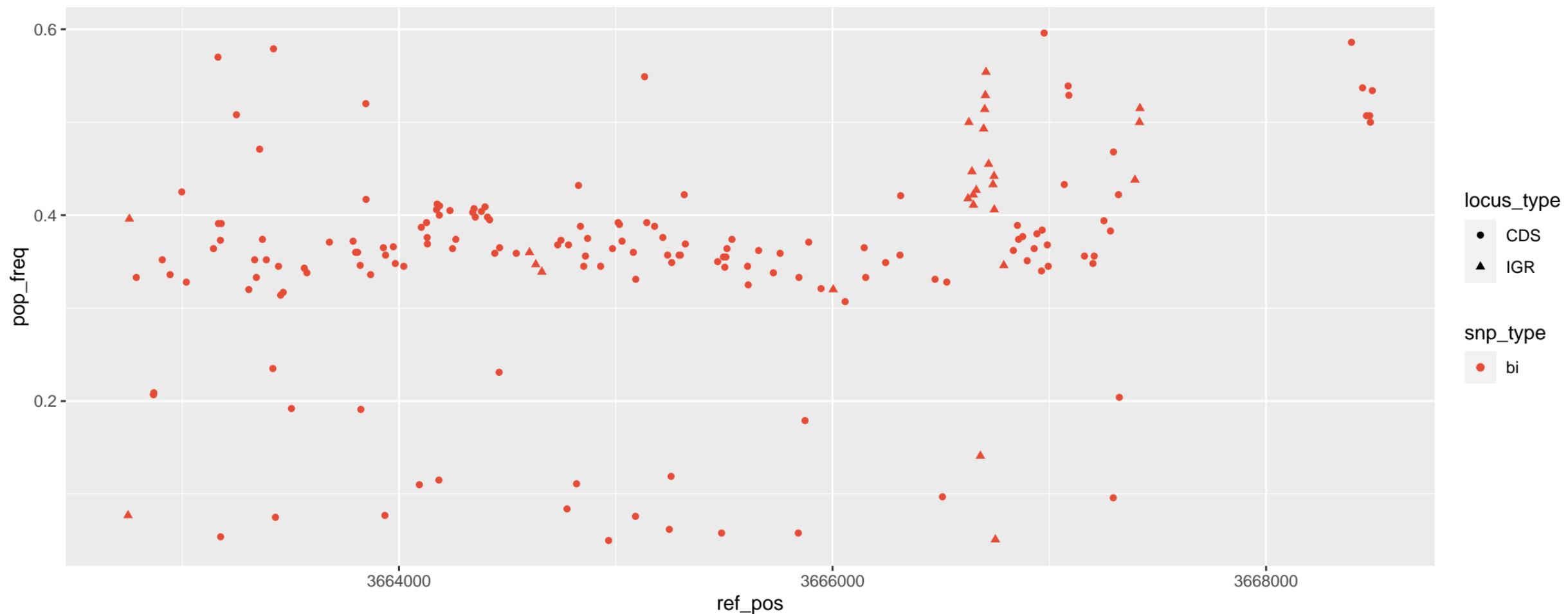
## UHGG143505\_1:3640052–3650052



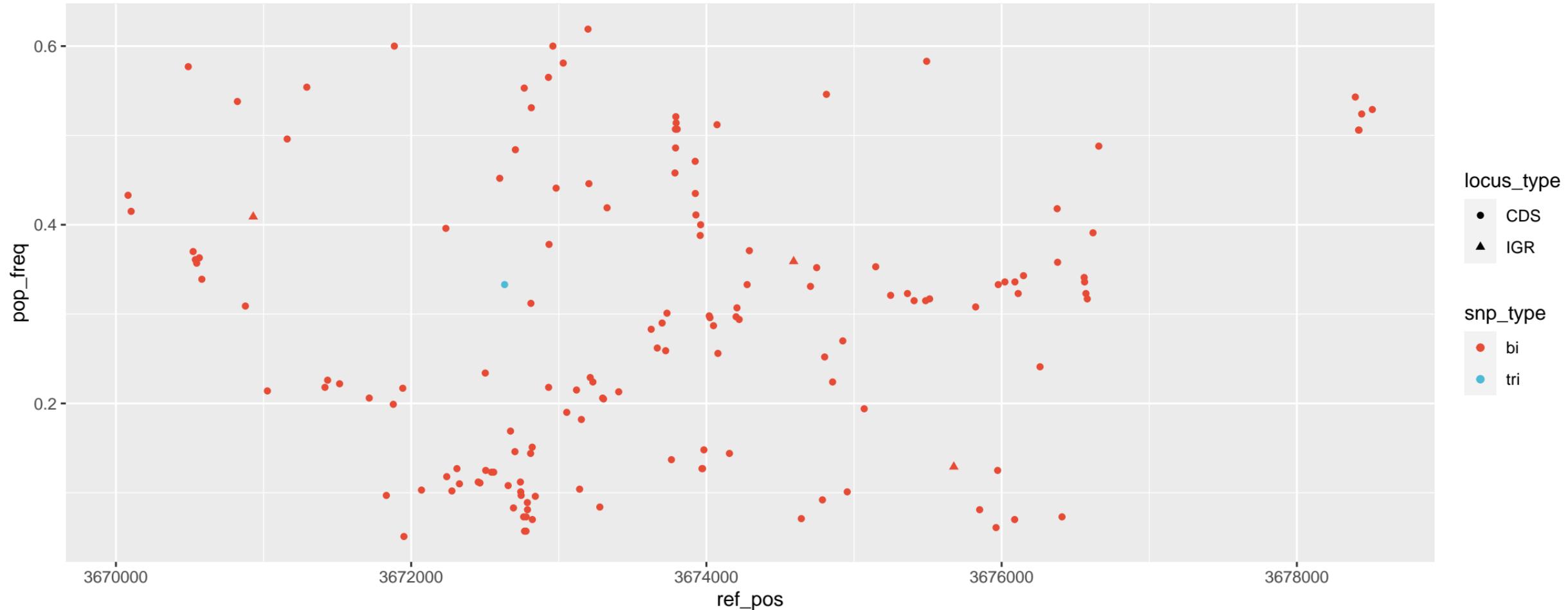
## UHGG143505\_1:3650052–3660052



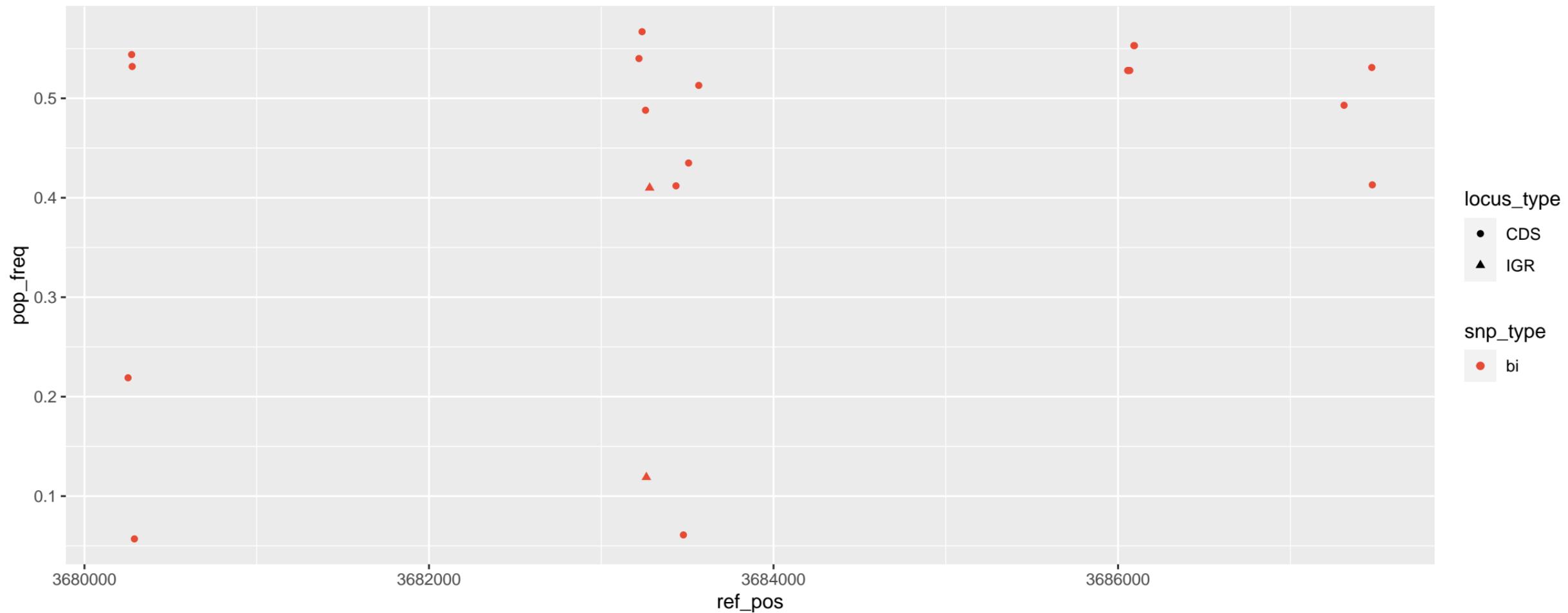
## UHGG143505\_1:3660052–3670052



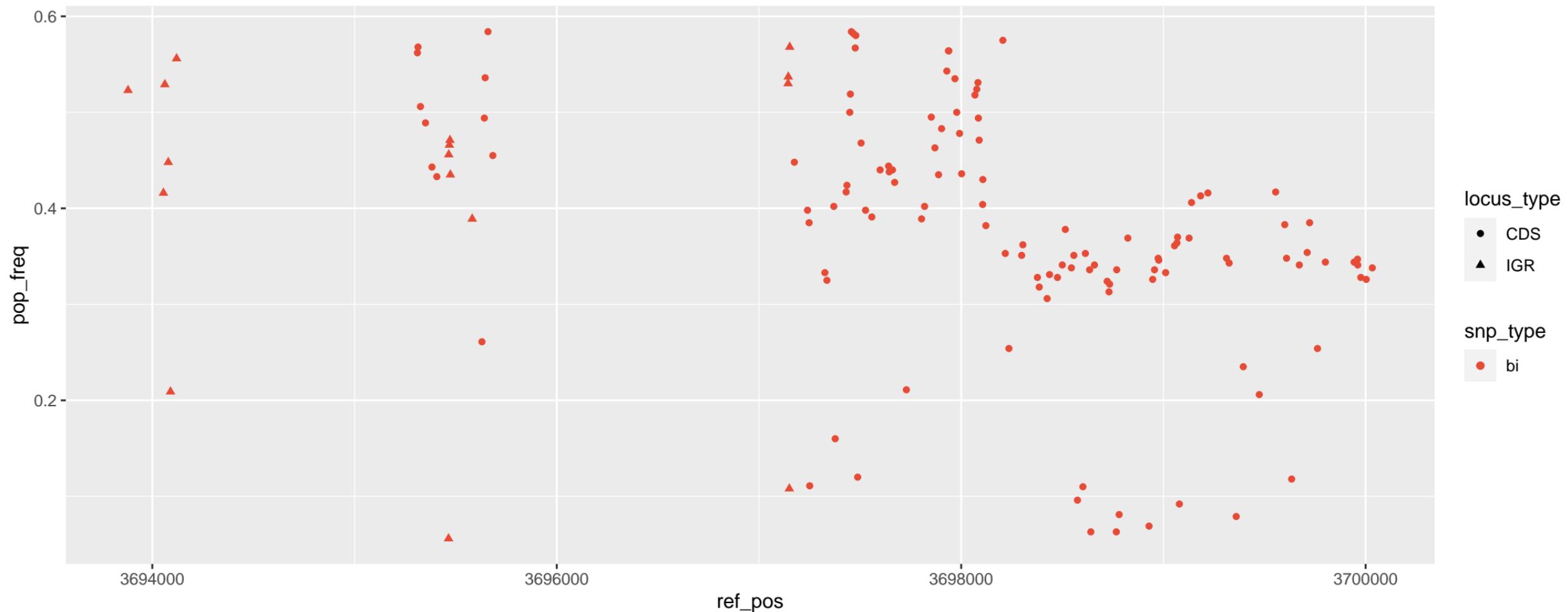
## UHGG143505\_1:3670052–3680052



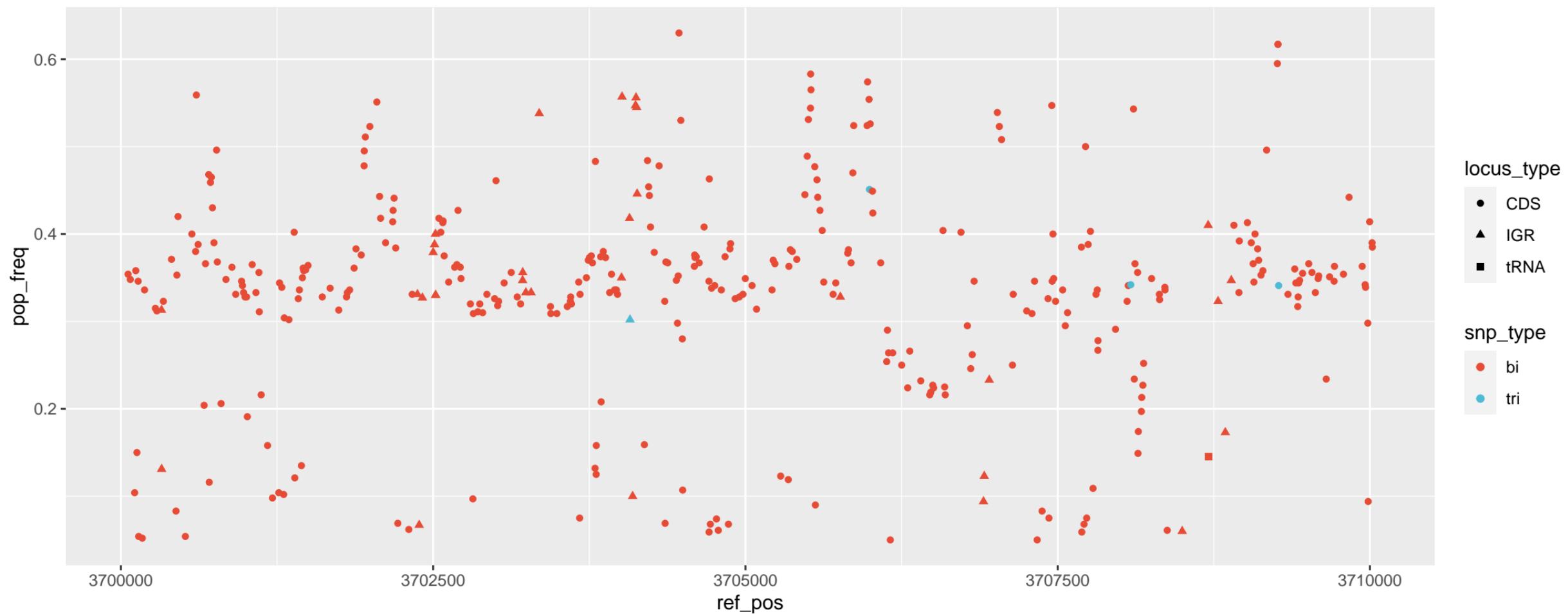
## UHGG143505\_1:3680052–3690052



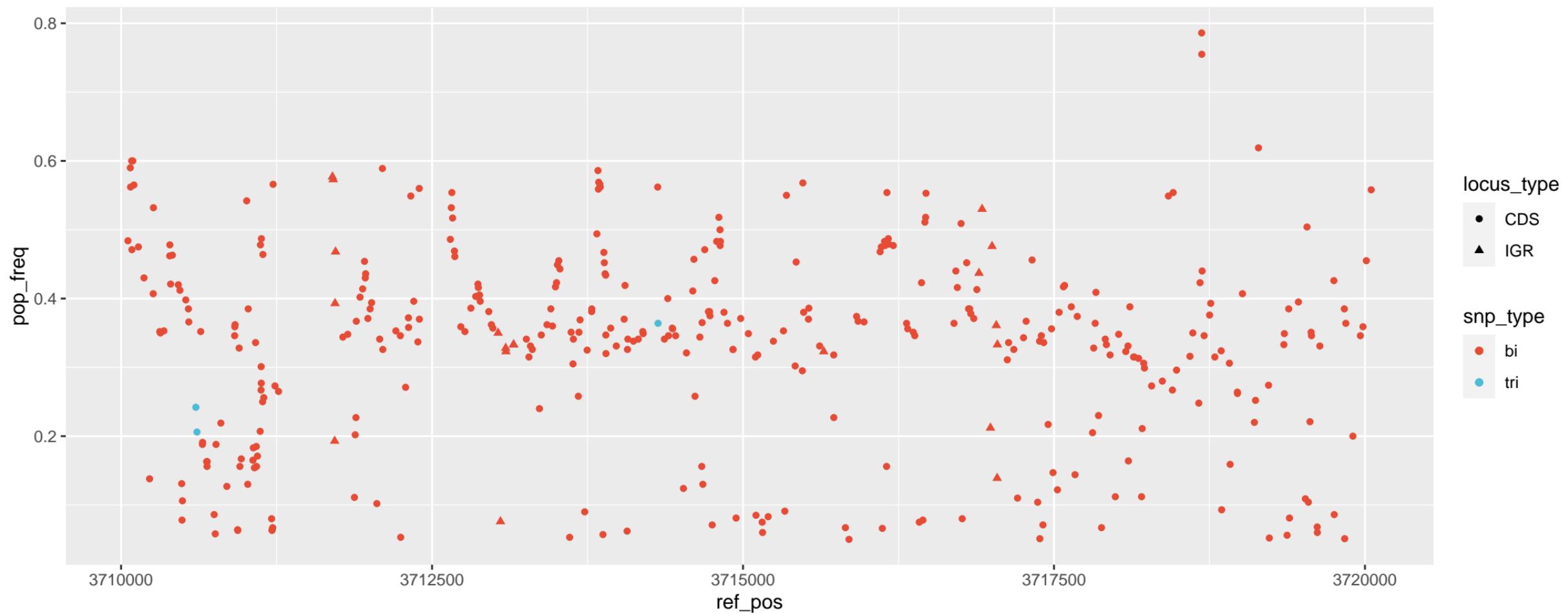
## UHGG143505\_1:3690052-3700052



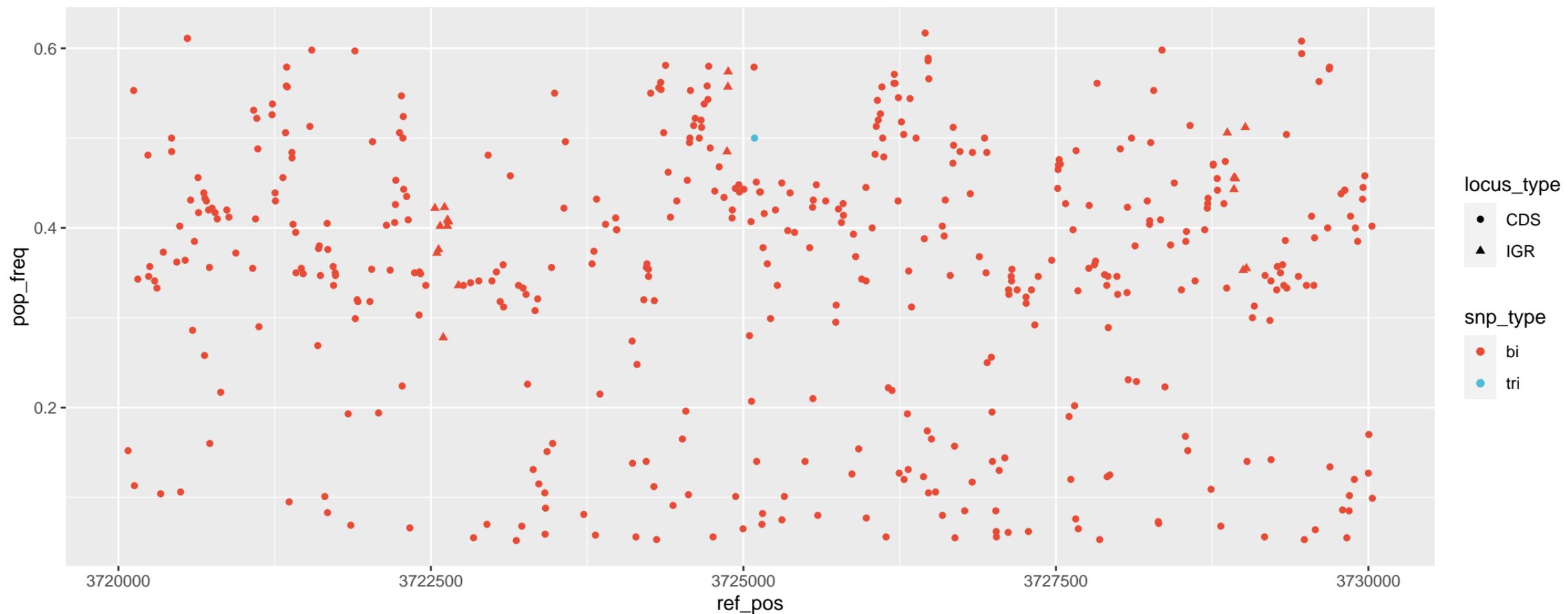
## UHGG143505\_1:3700052–3710052



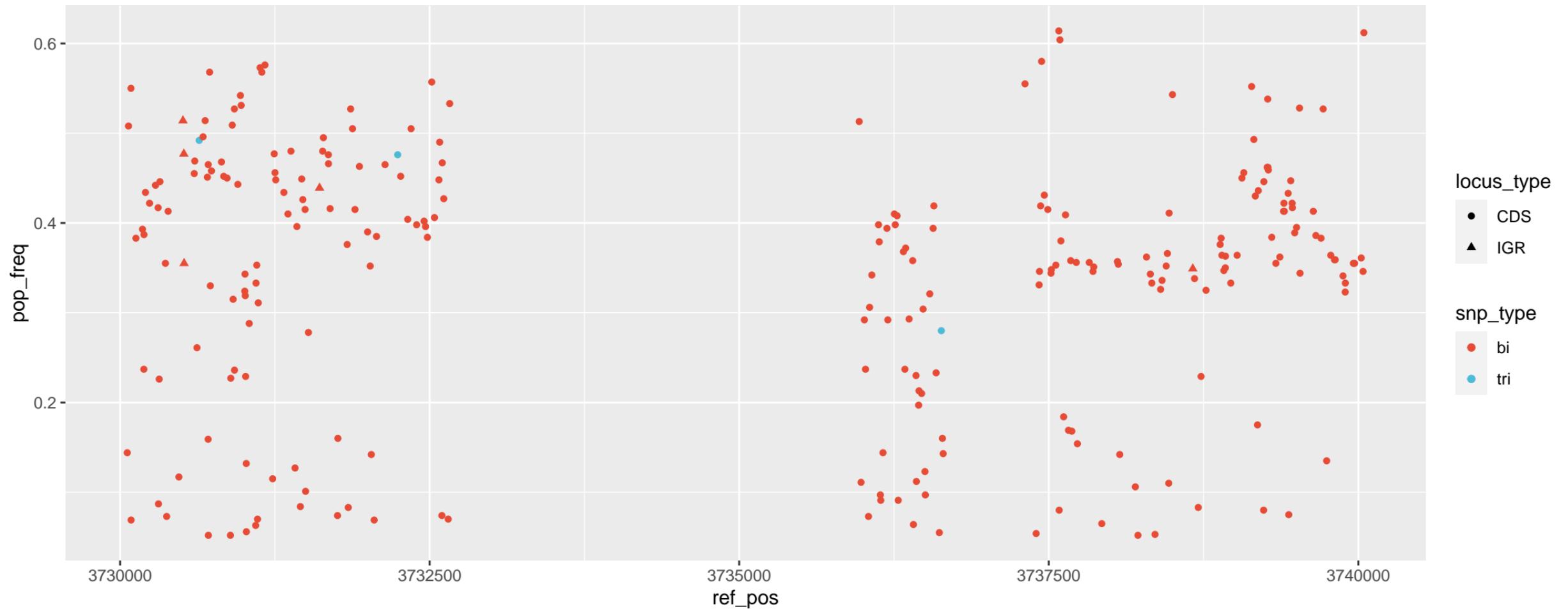
## UHGG143505\_1:3710052–3720052



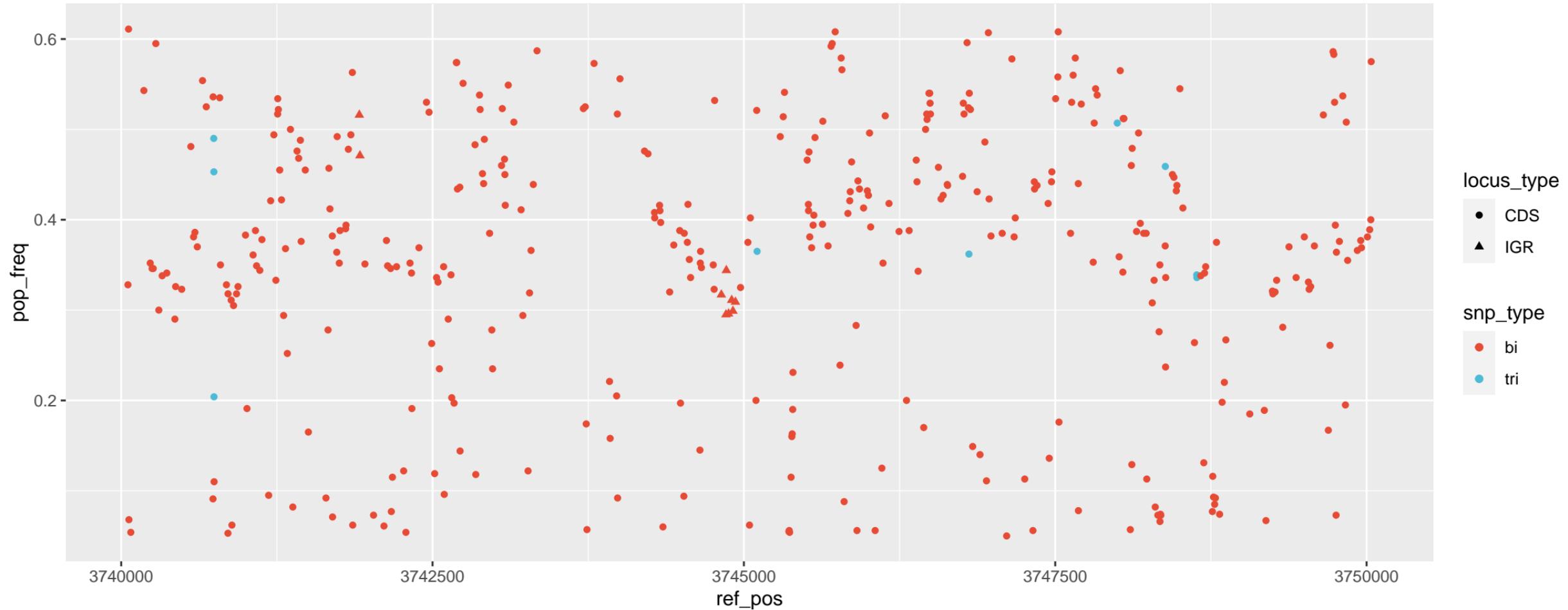
## UHGG143505\_1:3720052–3730052



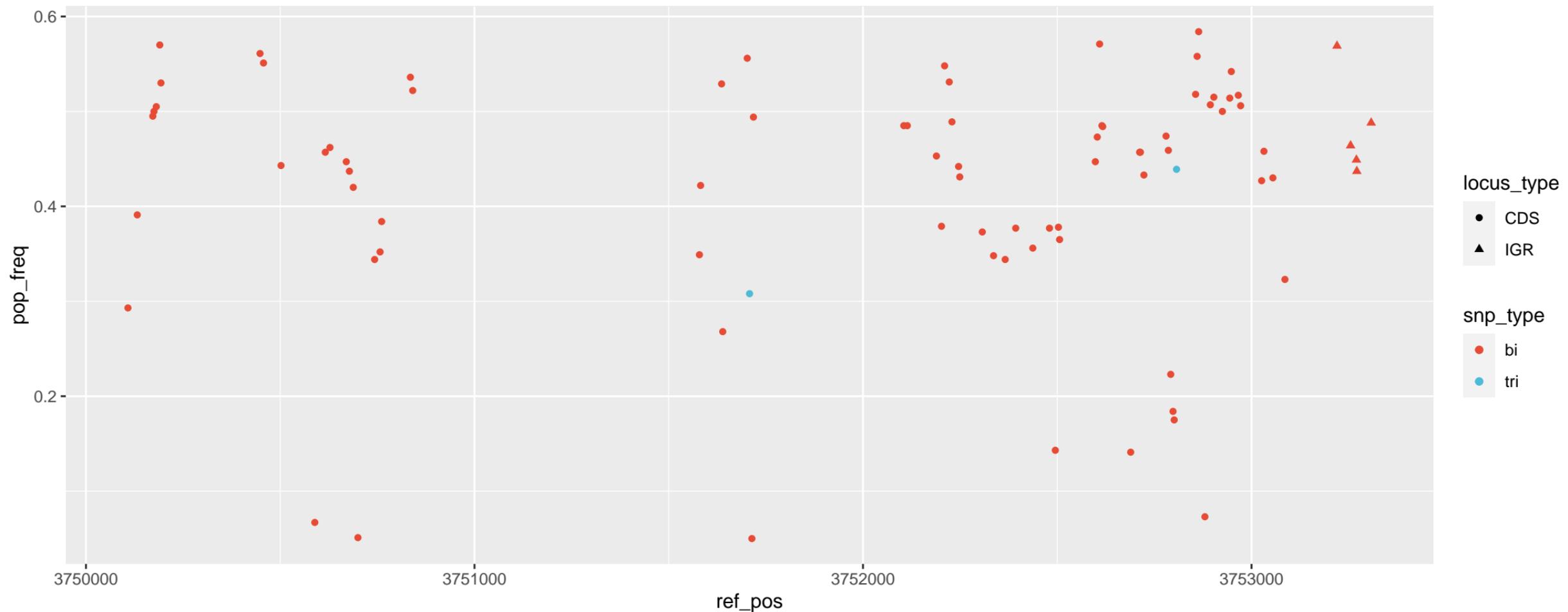
## UHGG143505\_1:3730052–3740052



## UHGG143505\_1:3740052–3750052



## UHGG143505\_1:3750052–3760052



UHGG143505\_1:3760052–3770052

pop\_freq

ref\_pos

UHGG143505\_1:3770052–3780052

pop\_freq

ref\_pos

UHGG143505\_1:3780052–3790052

pop\_freq

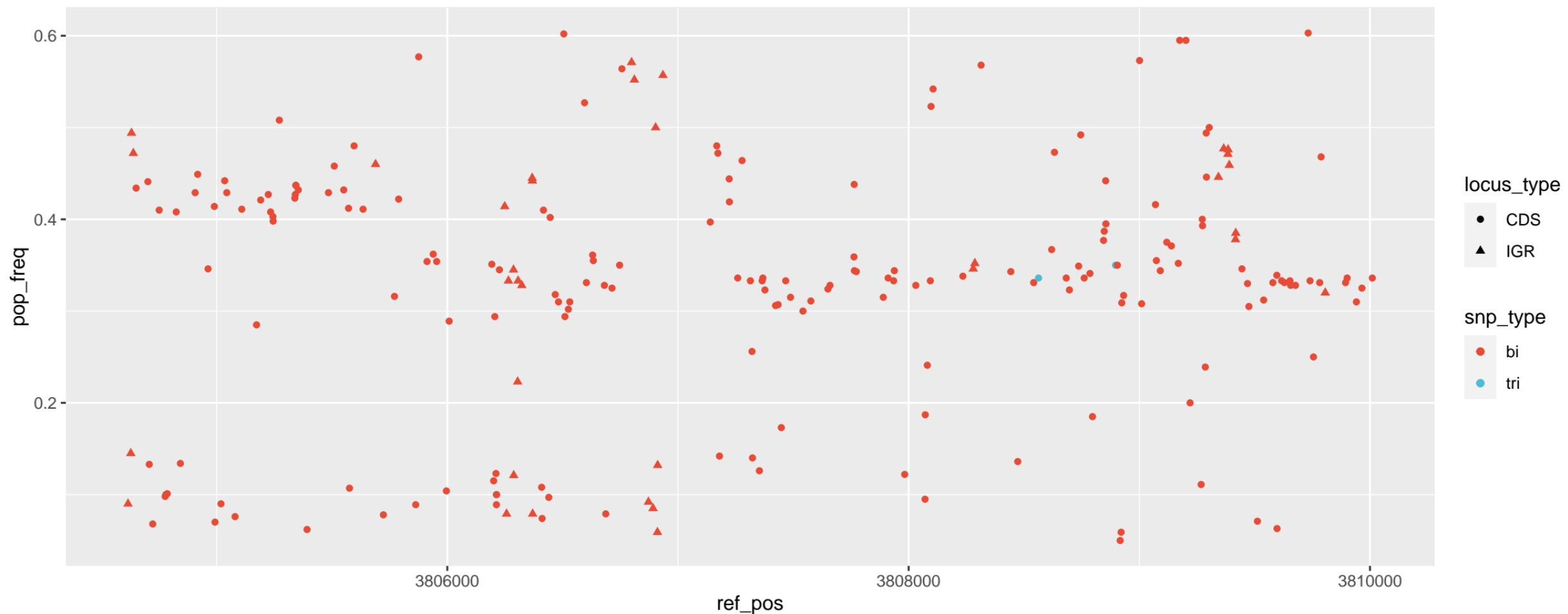
ref\_pos

UHGG143505\_1:3790052–3800052

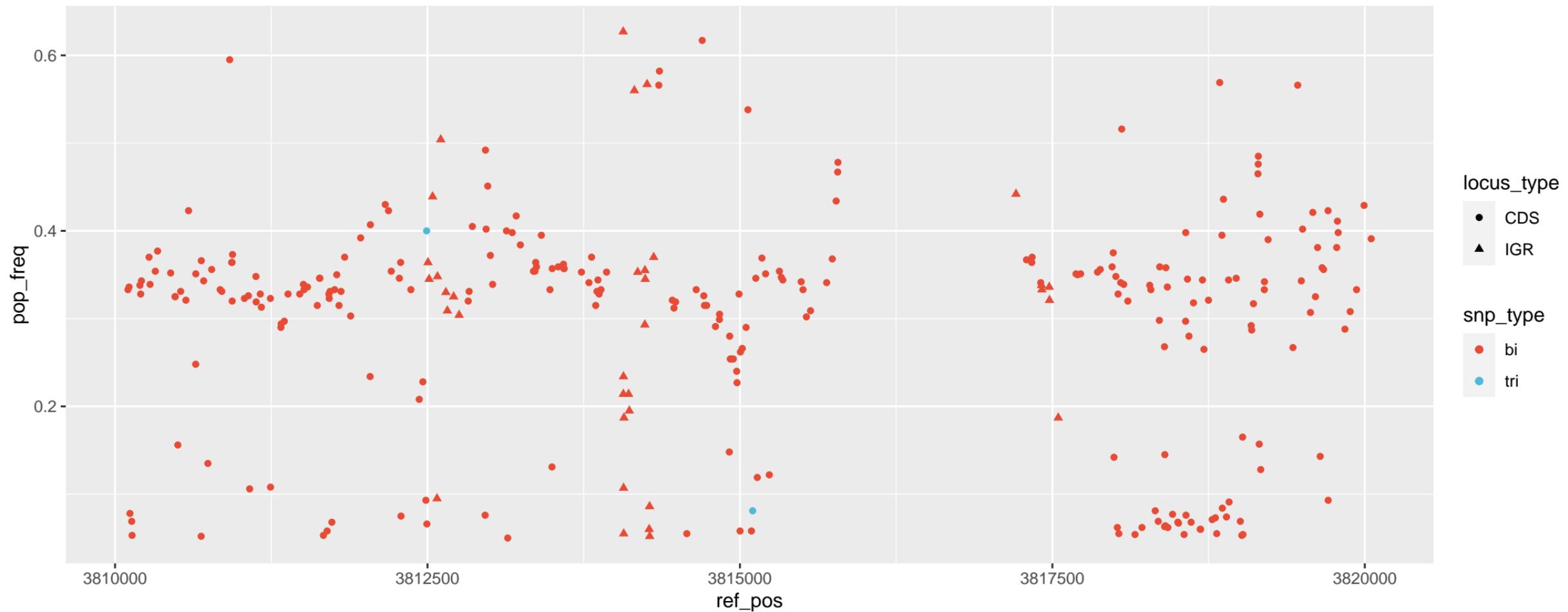
pop\_freq

ref\_pos

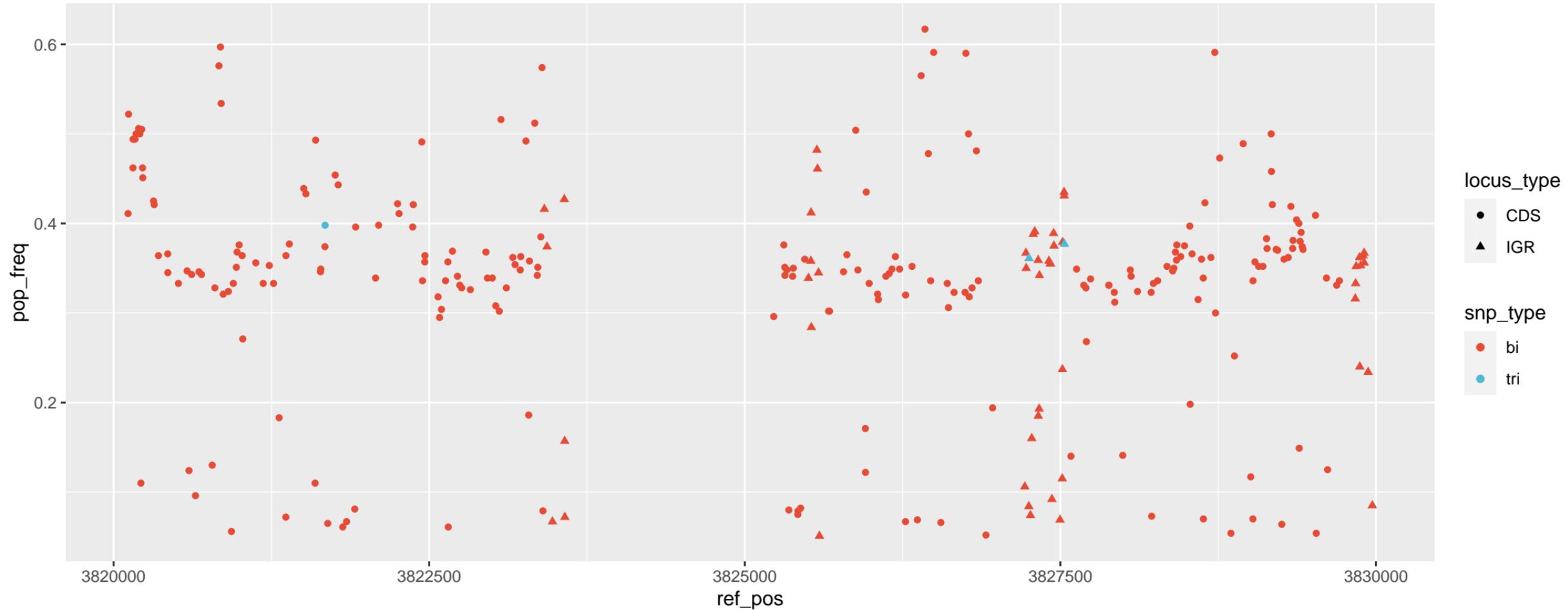
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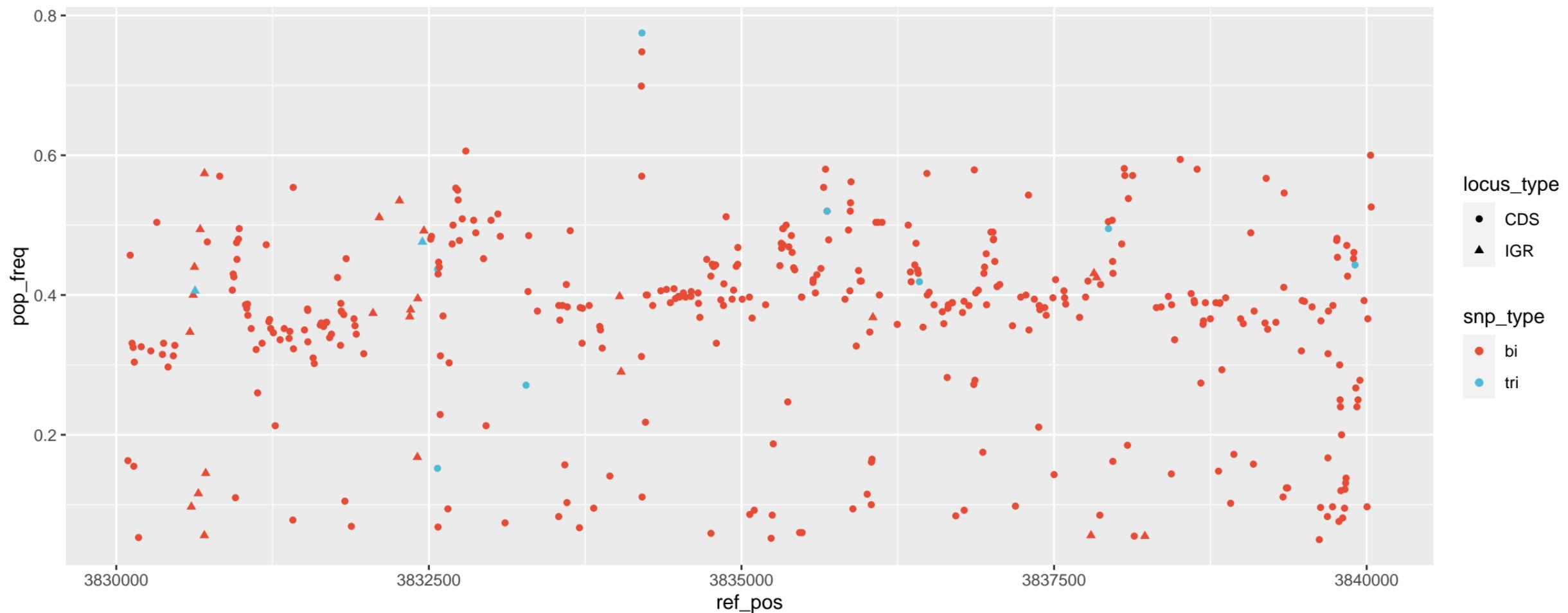
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## UHGG143505\_1:3820052–3830052



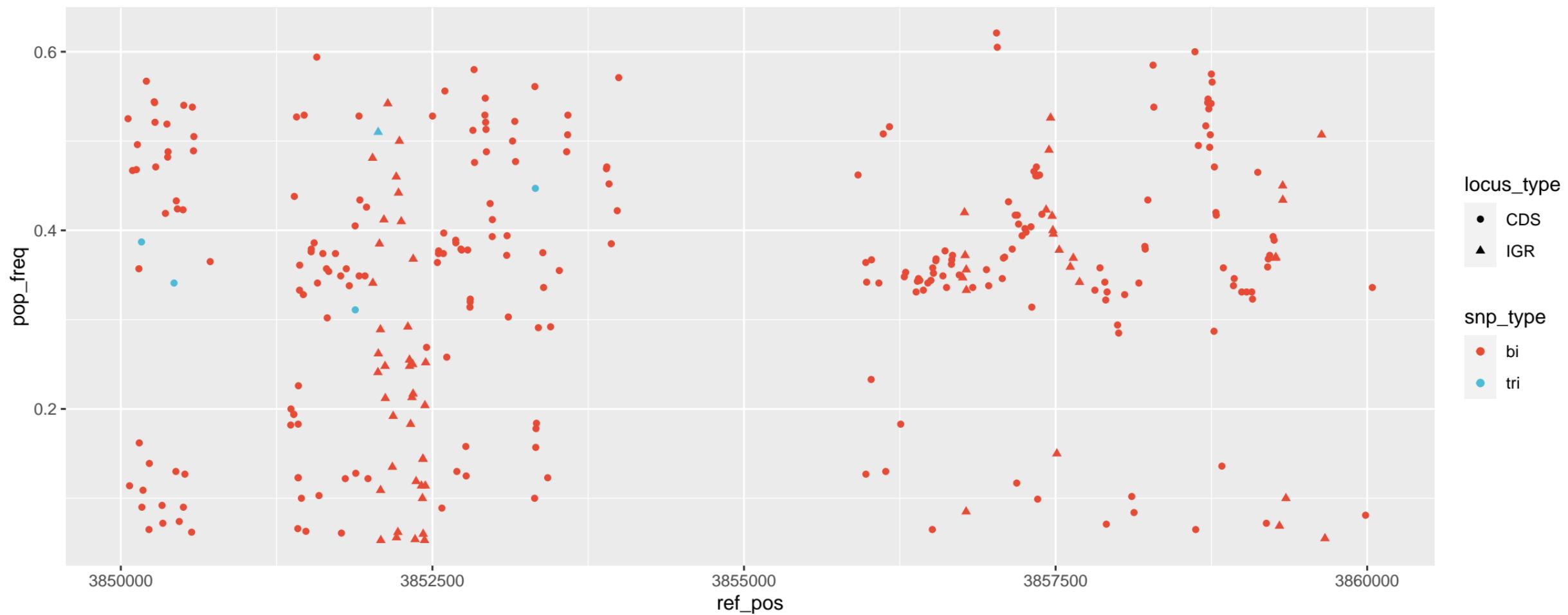
## UHGG143505\_1:3830052–3840052



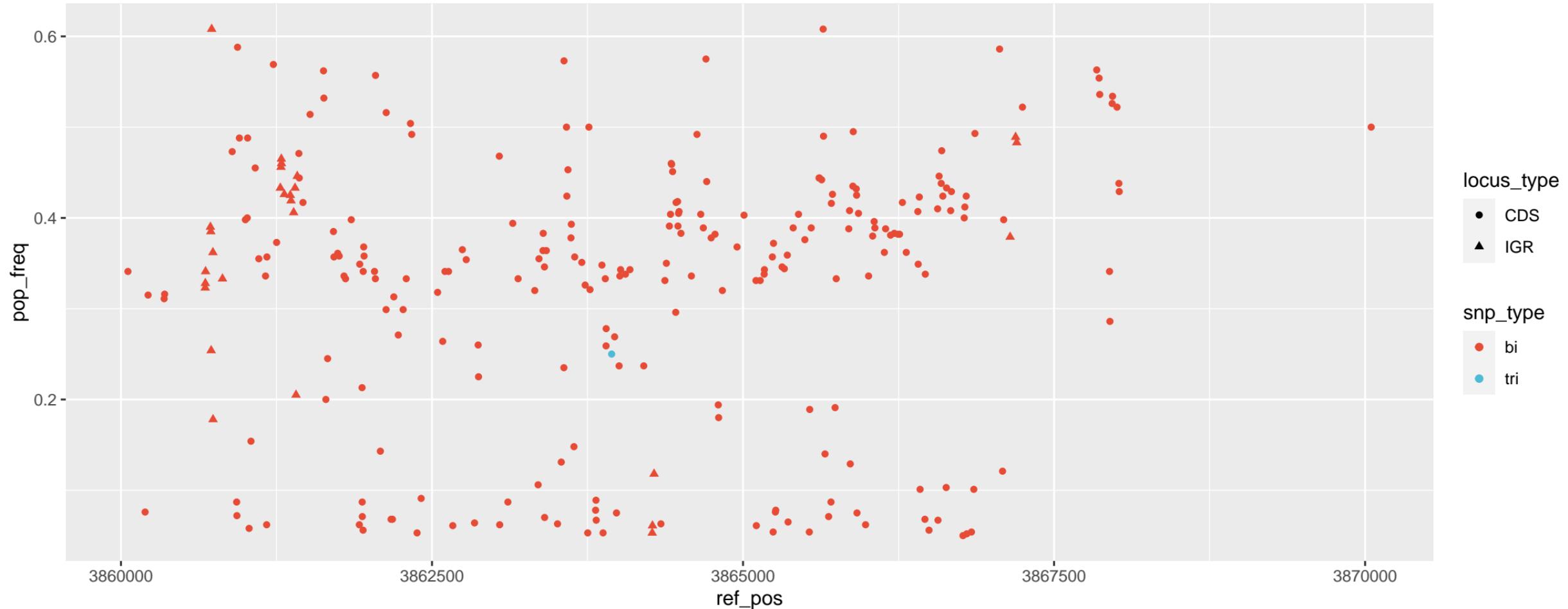
## UHGG143505\_1:3840052–3850052



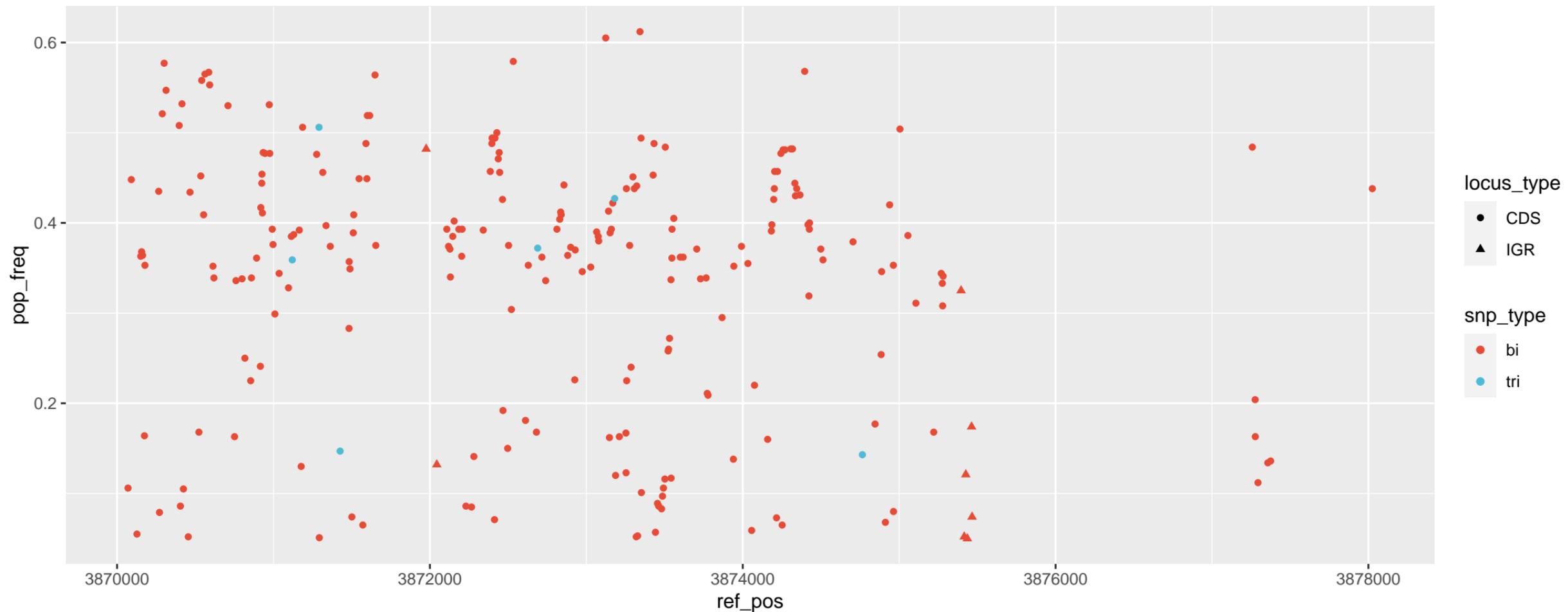
## UHGG143505\_1:3850052–3860052



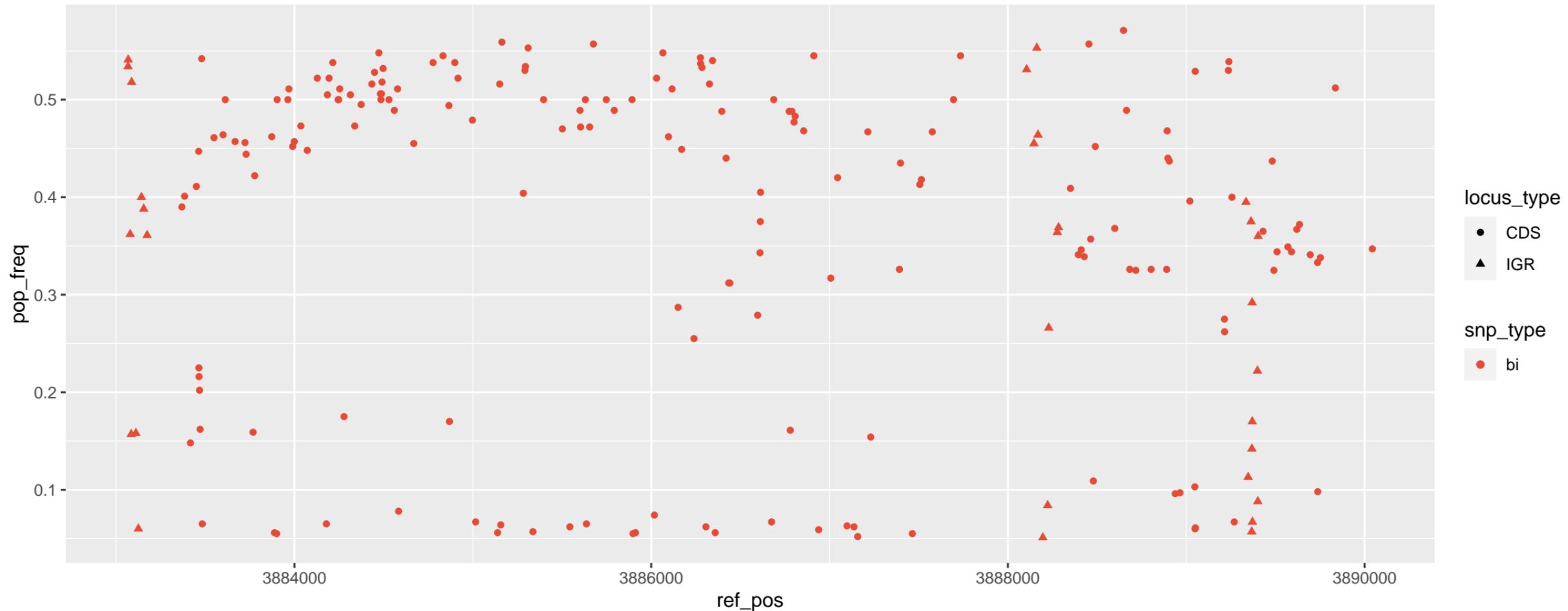
## UHGG143505\_1:3860052–3870052



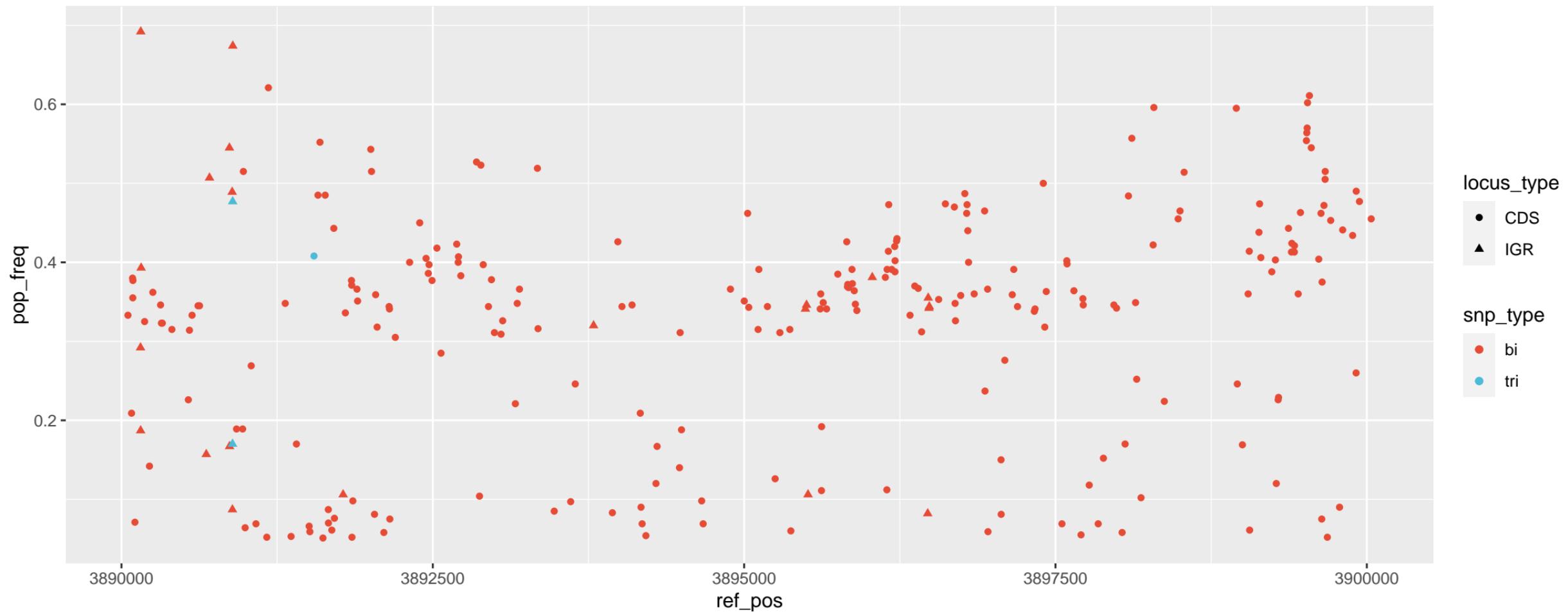
## UHGG143505\_1:3870052–3880052



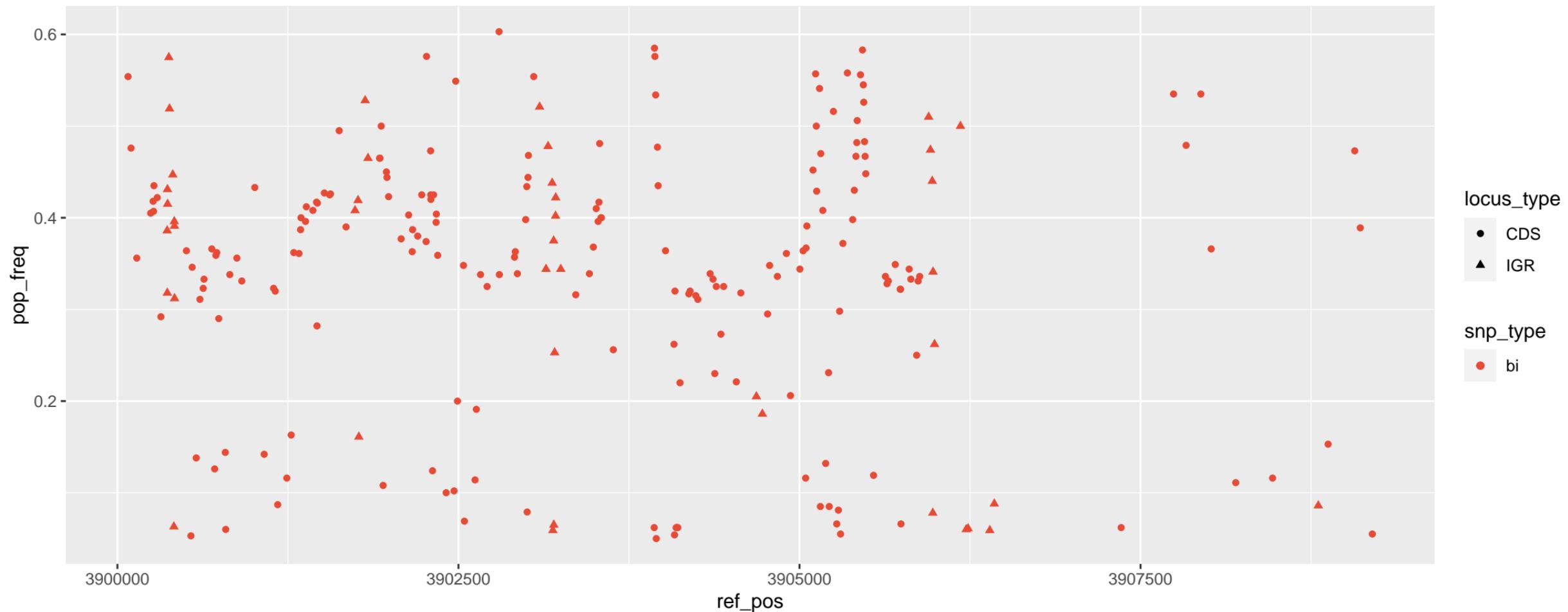
## UHGG143505\_1:3880052–3890052



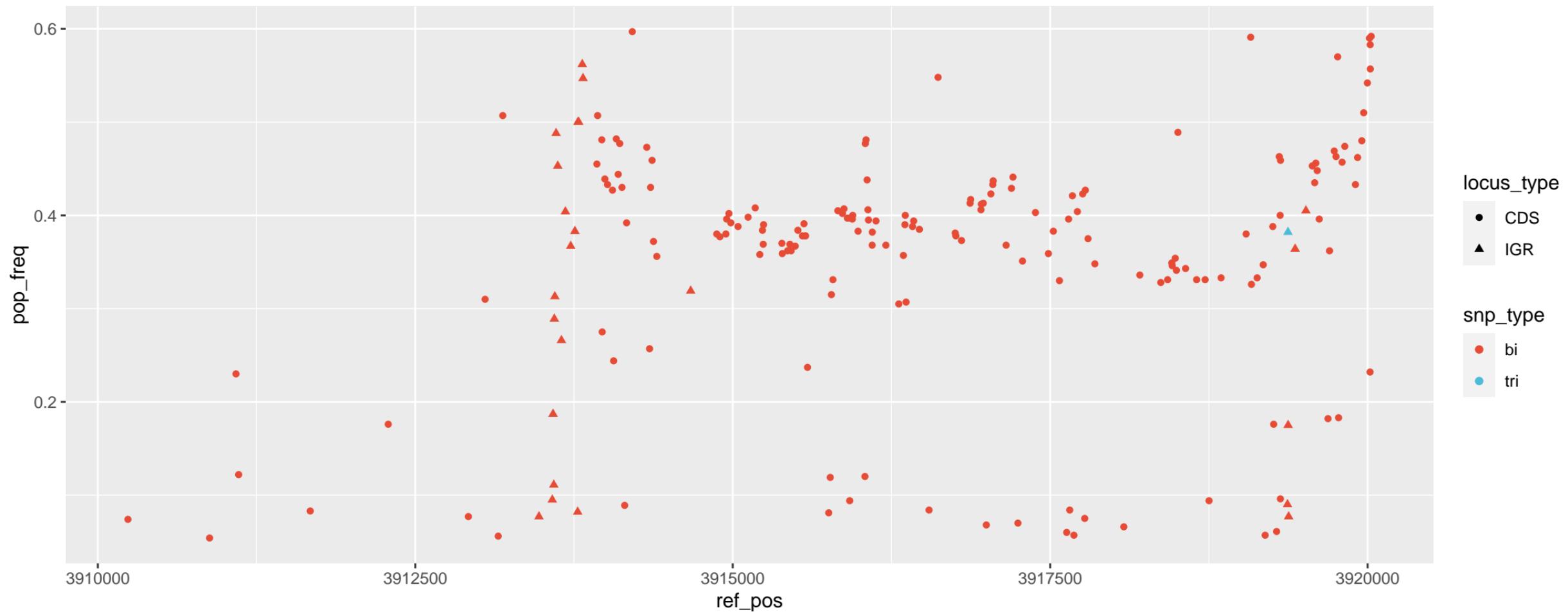
## UHGG143505\_1:3890052–3900052



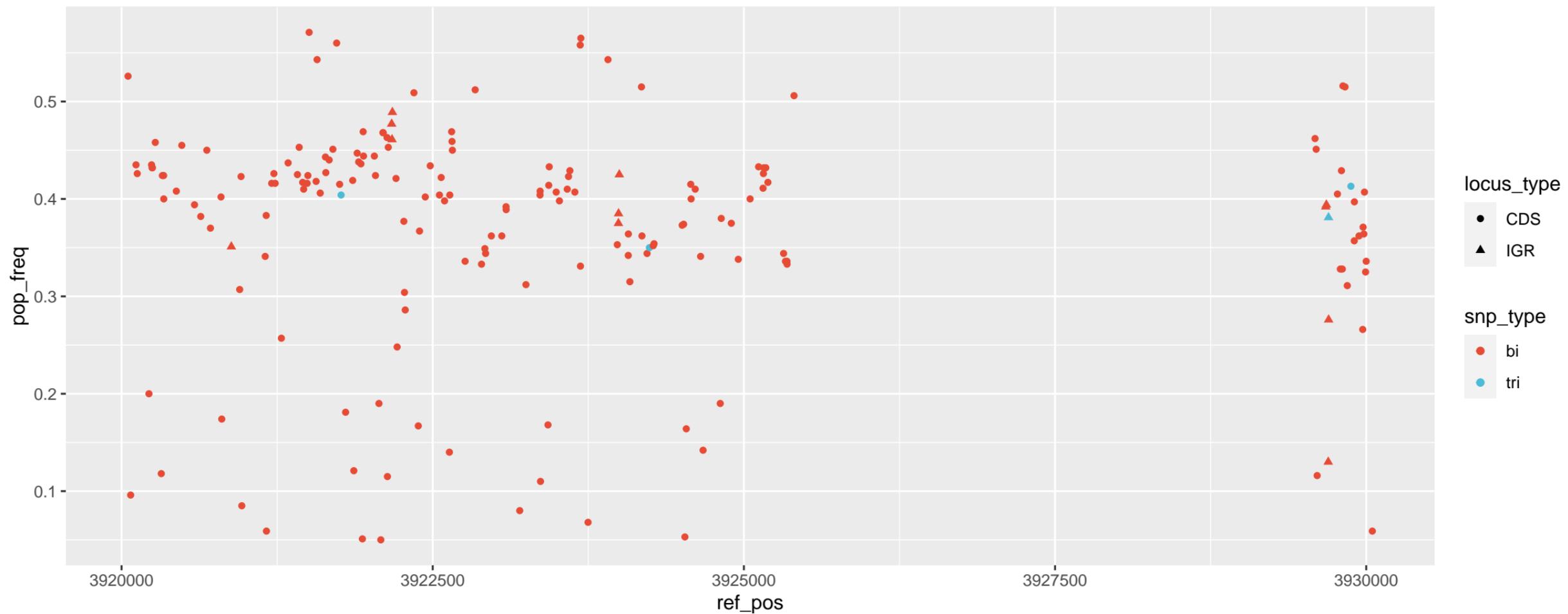
## UHGG143505\_1:3900052–3910052



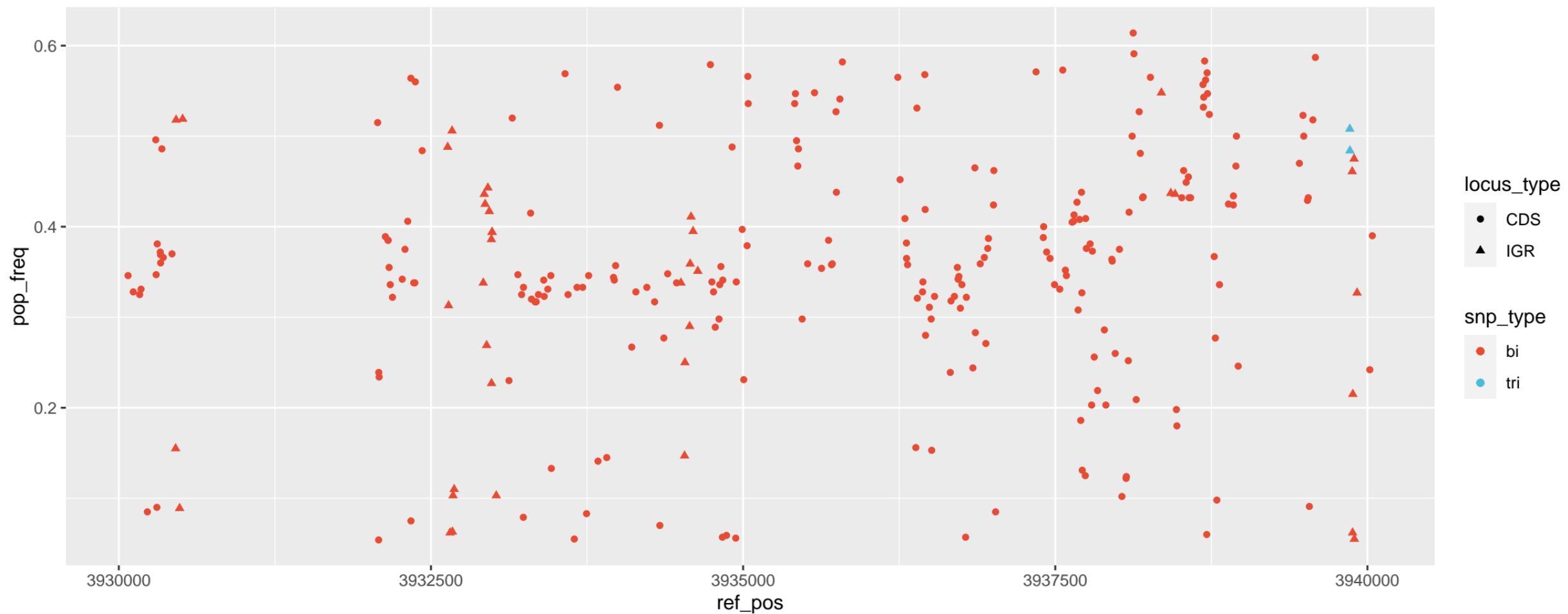
## UHGG143505\_1:3910052–3920052



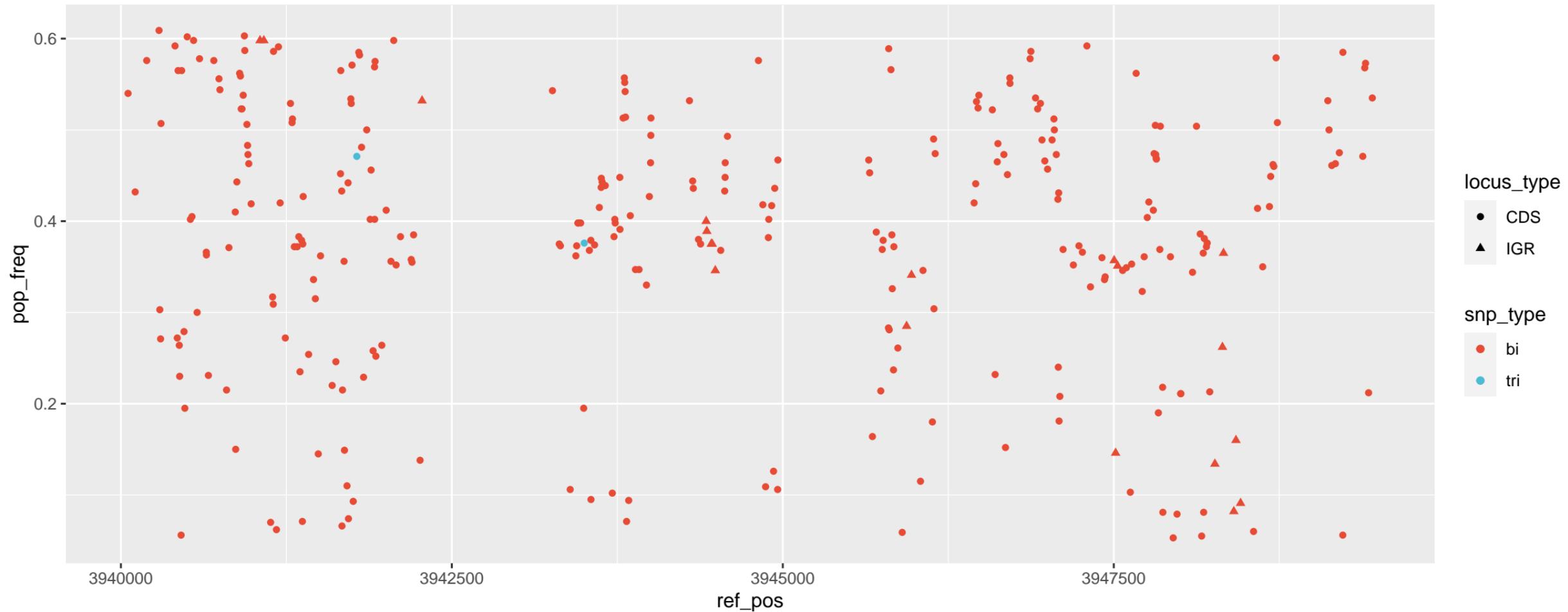
## UHGG143505\_1:3920052–3930052



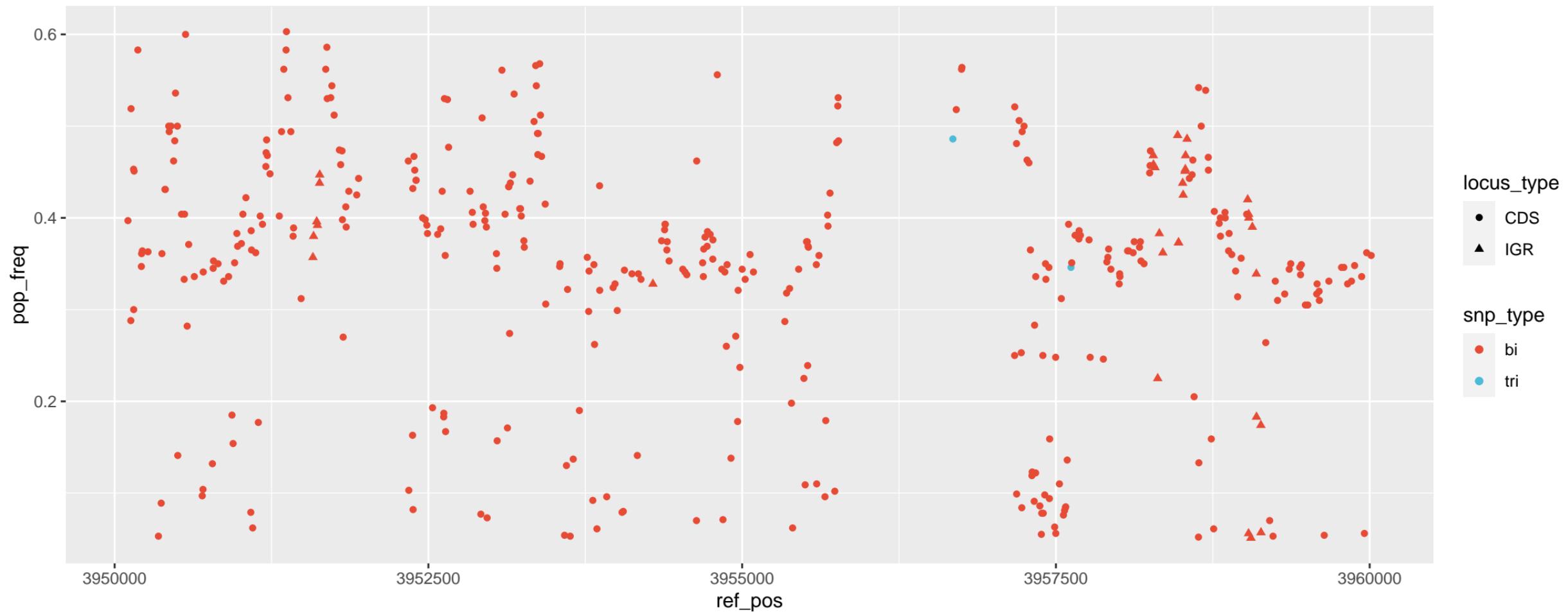
## UHGG143505\_1:3930052–3940052



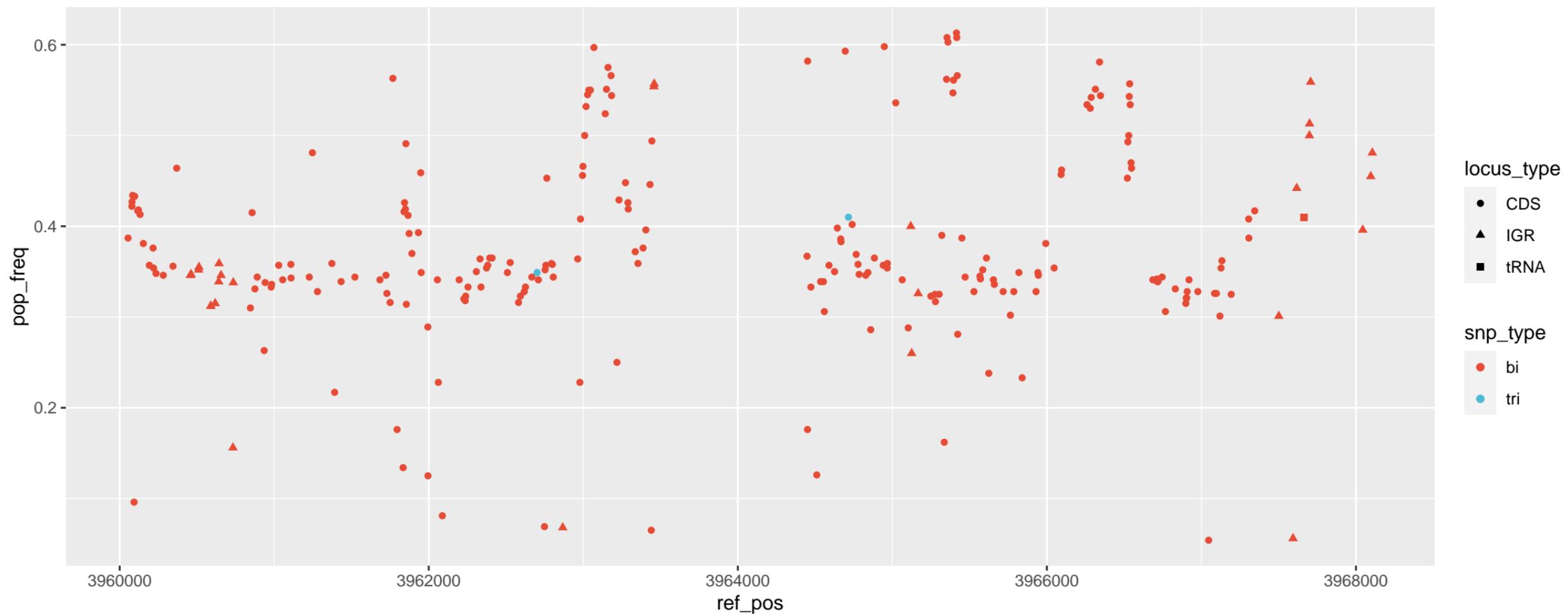
## UHGG143505\_1:3940052–3950052



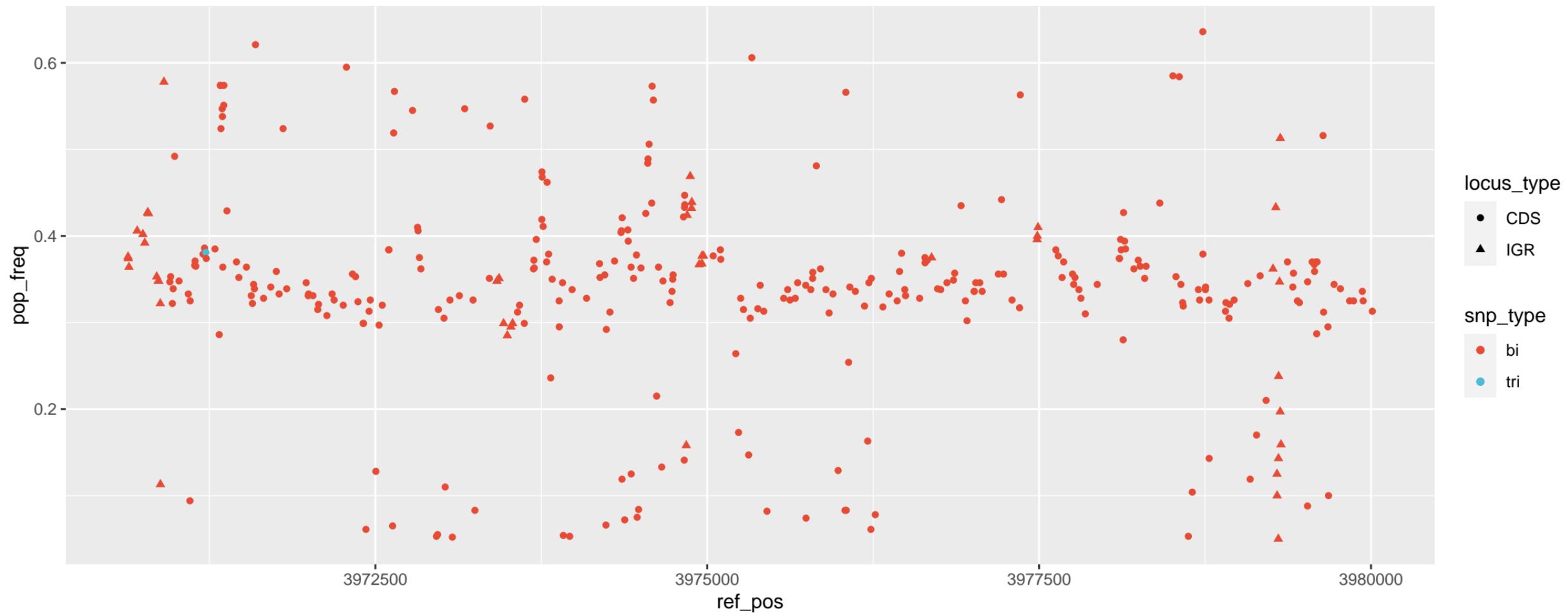
## UHGG143505\_1:3950052–3960052



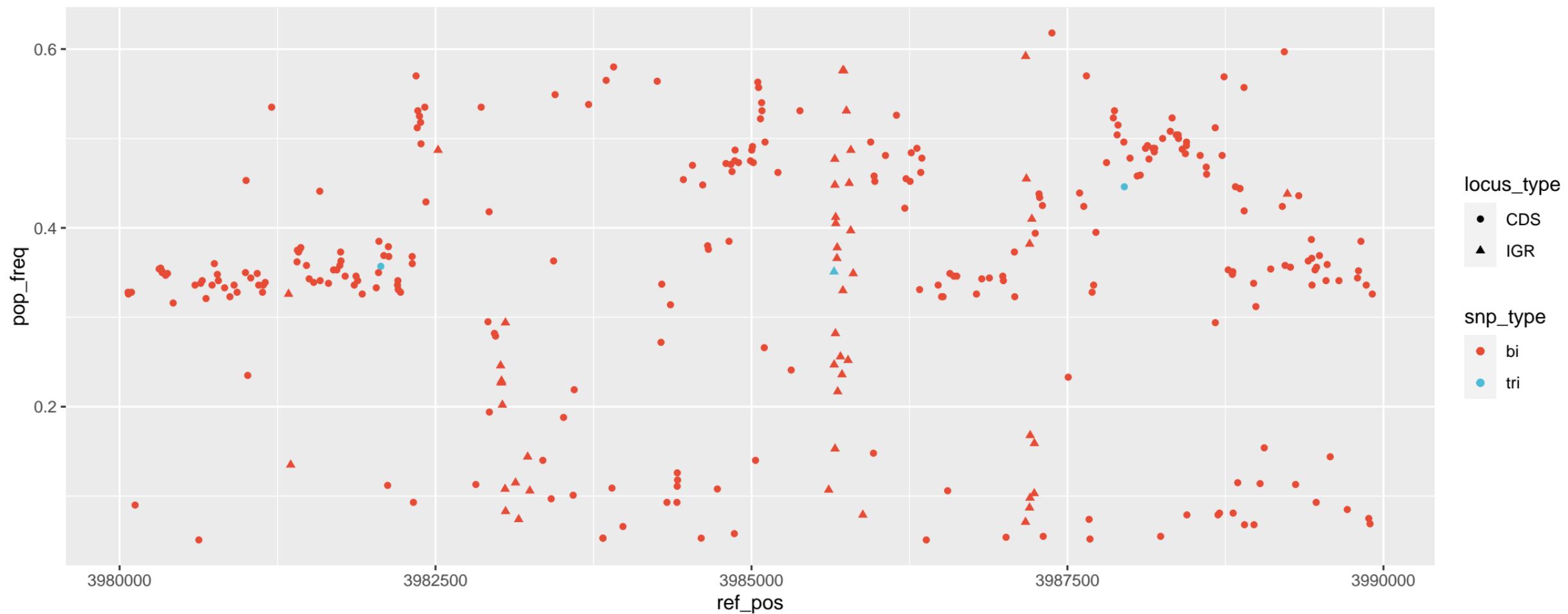
## UHGG143505\_1:3960052–3970052



## UHGG143505\_1:3970052–3980052



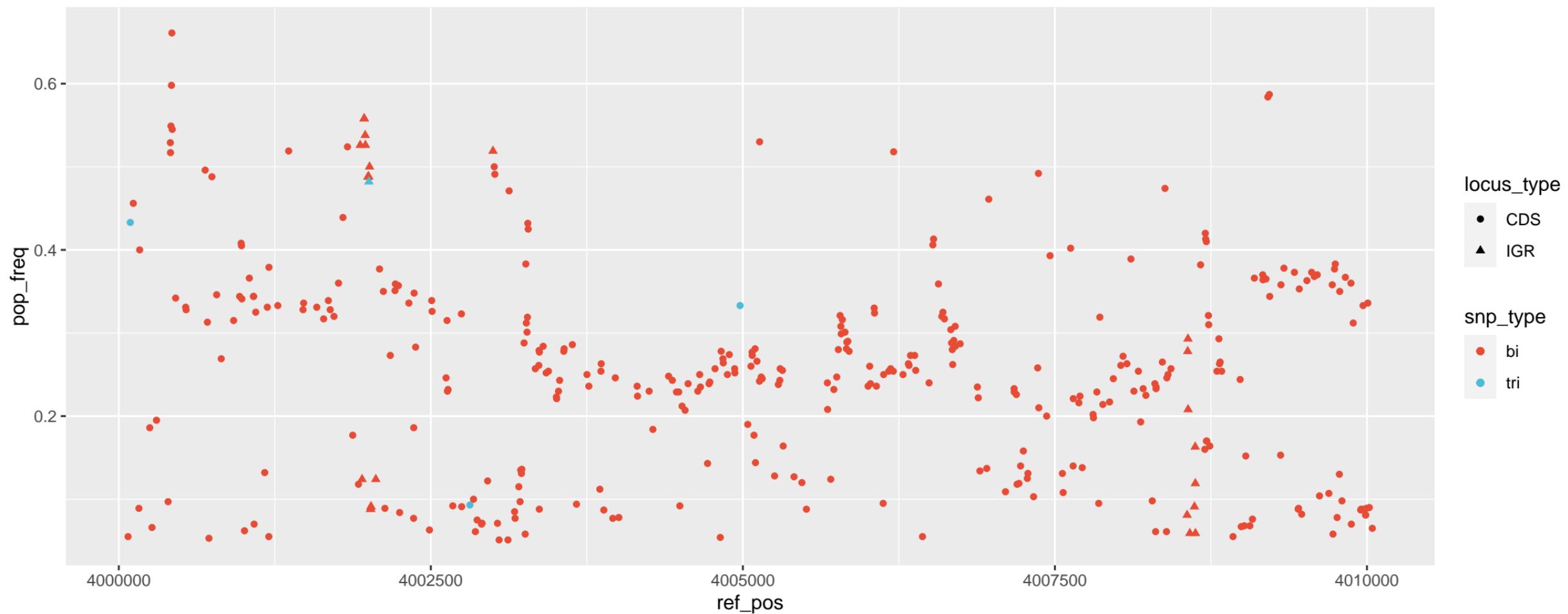
## UHGG143505\_1:3980052–3990052



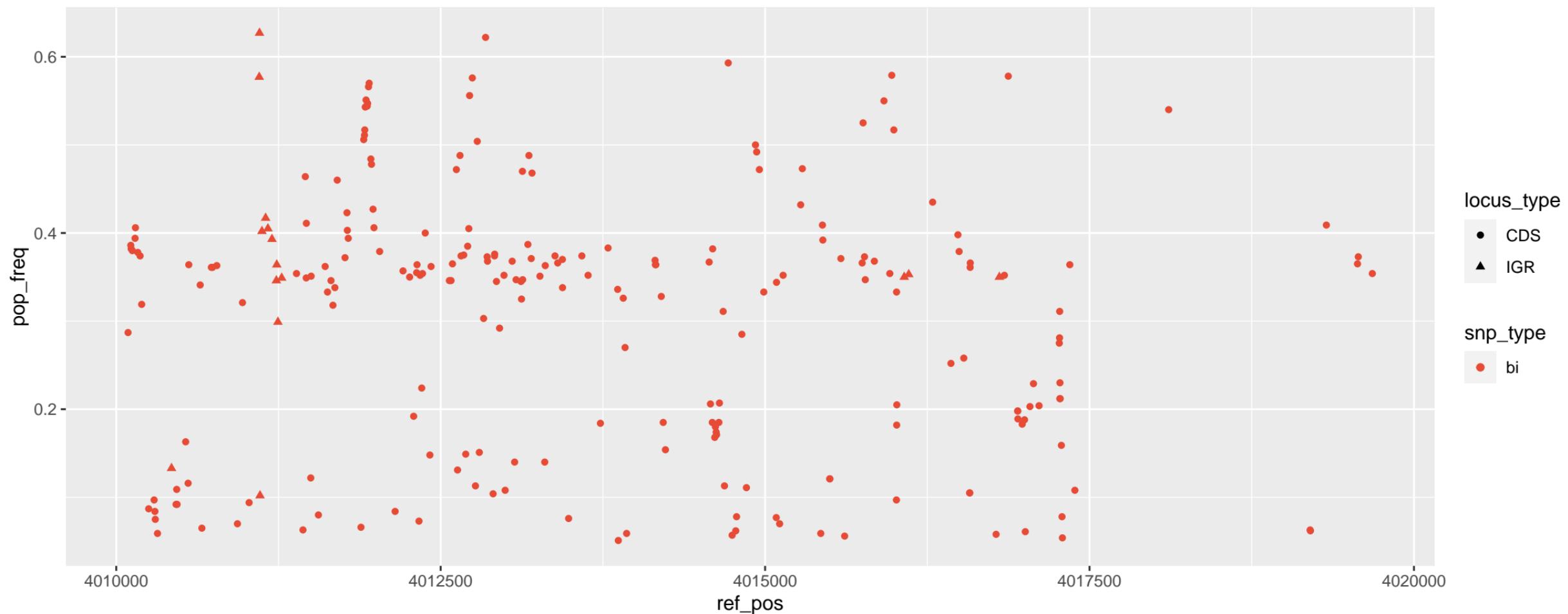
## UHGG143505\_1:3990052–4000052



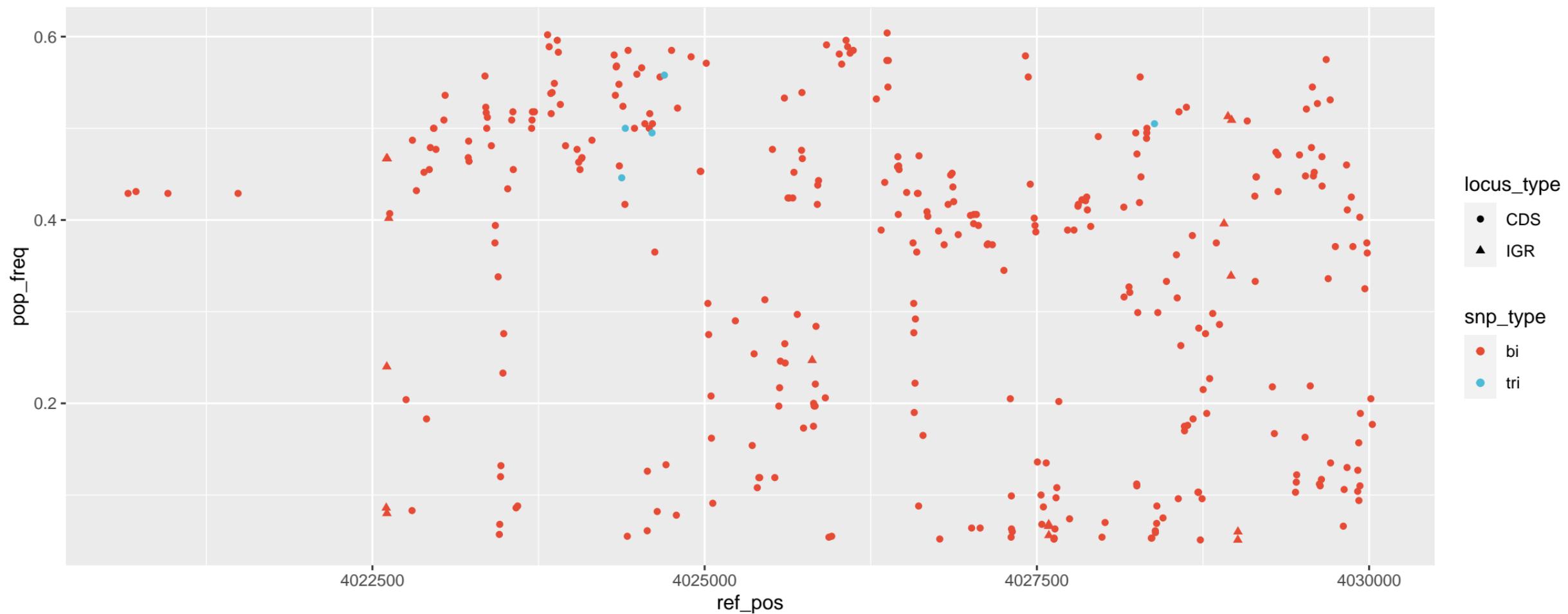
## UHGG143505\_1:4000052–4010052



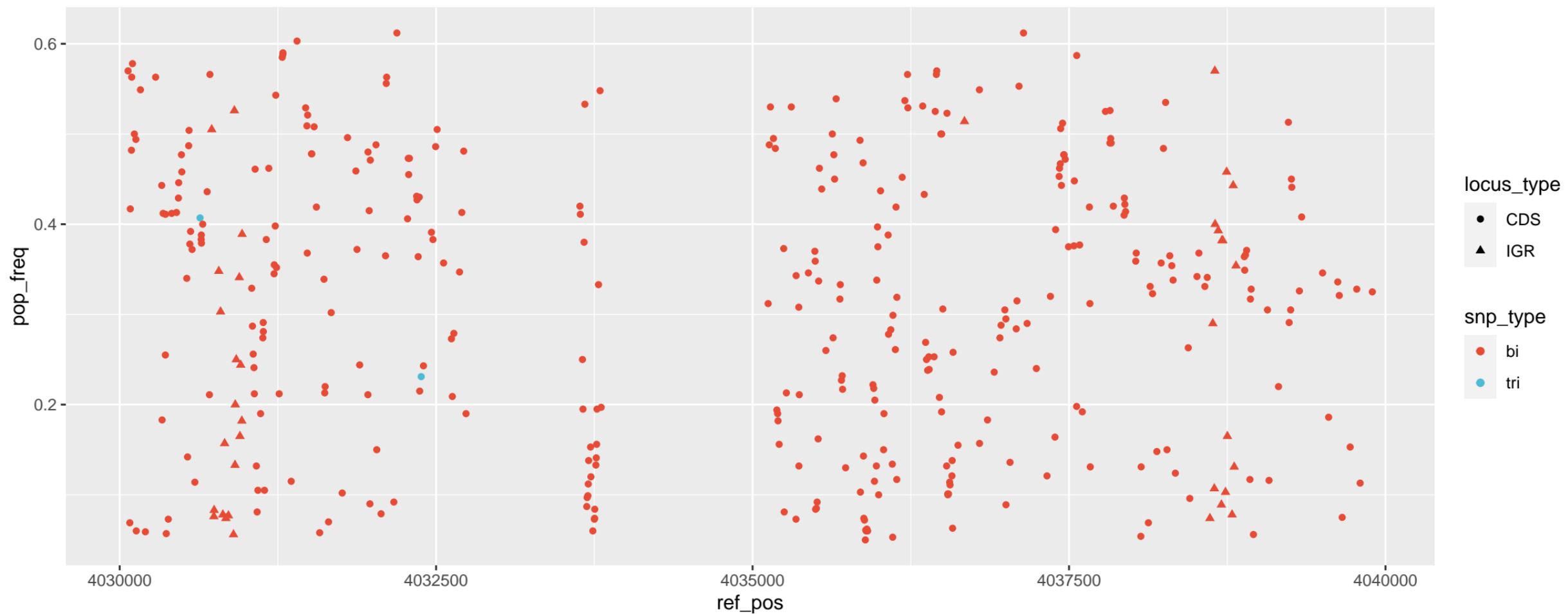
## UHGG143505\_1:4010052–4020052



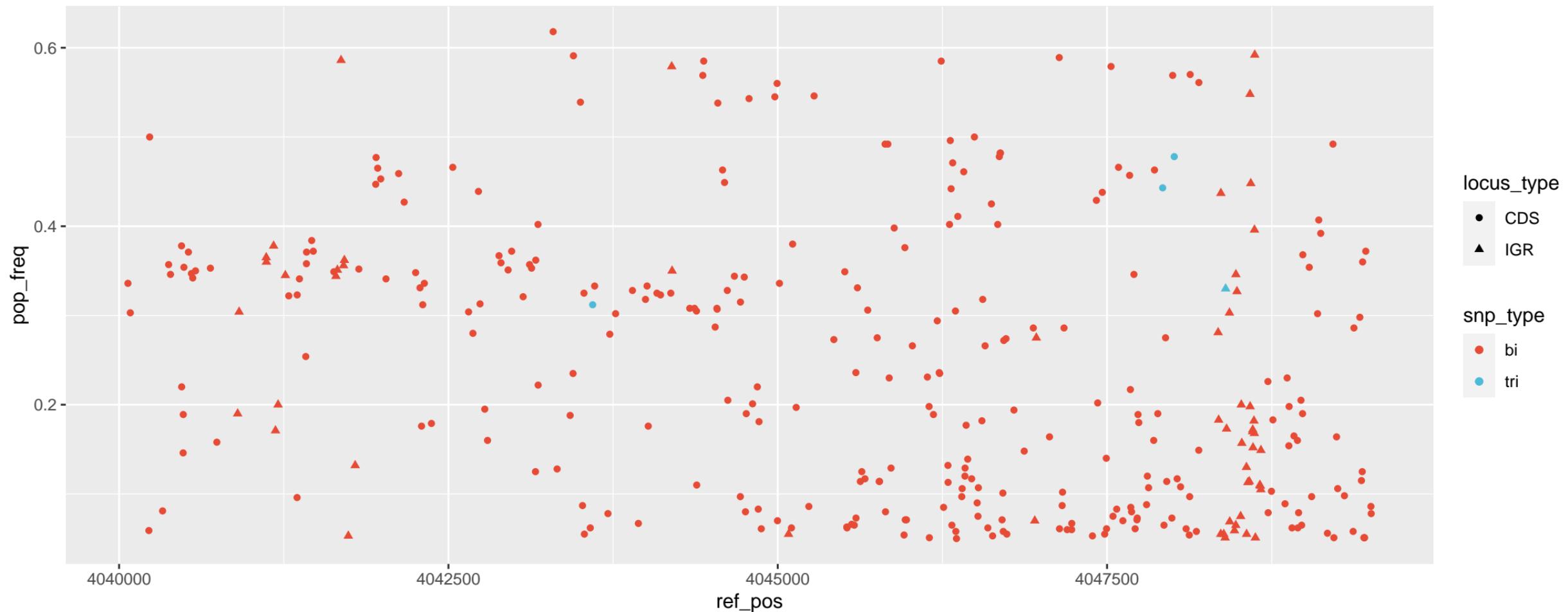
## UHGG143505\_1:4020052–4030052



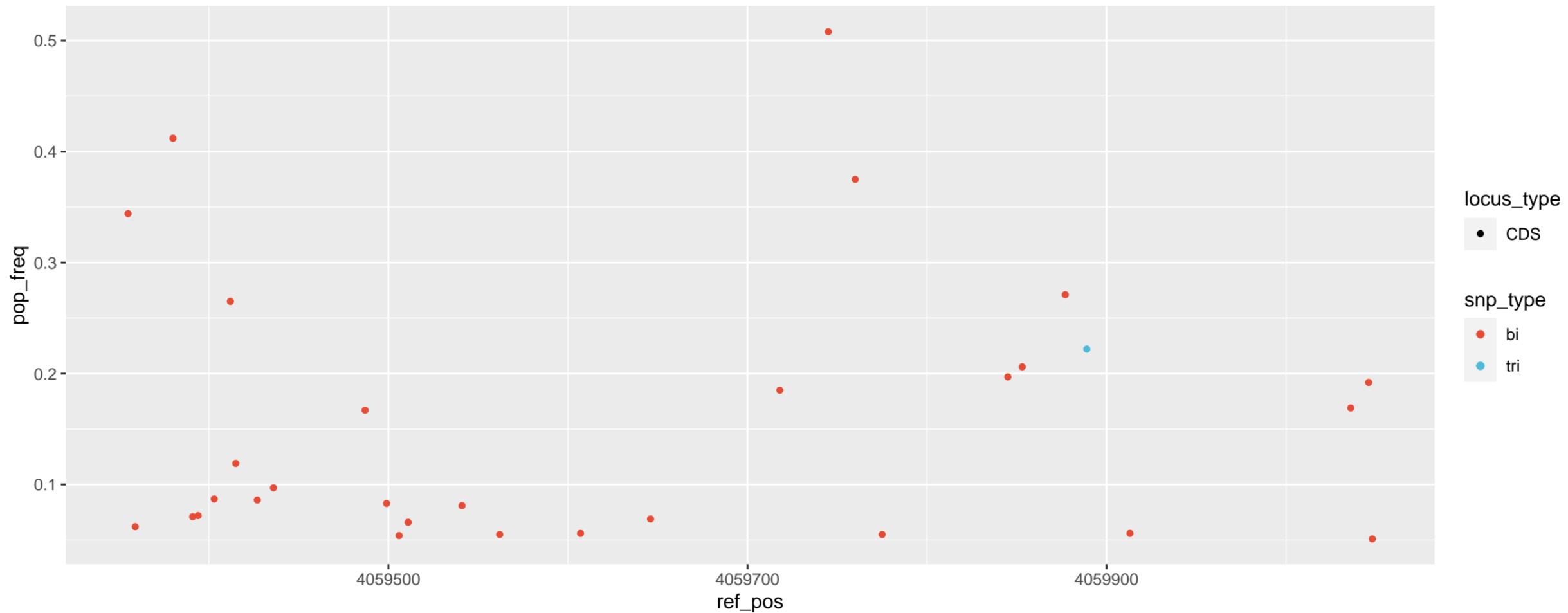
## UHGG143505\_1:4030052–4040052

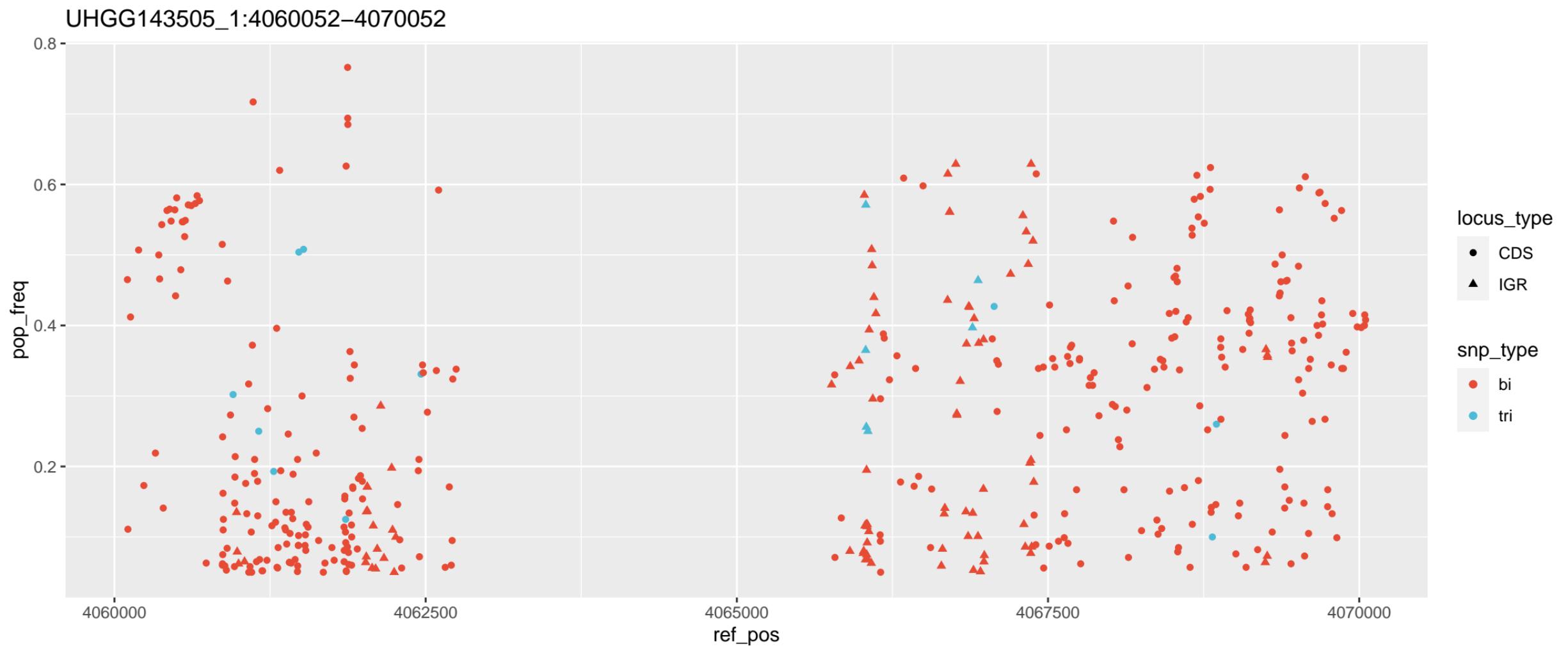


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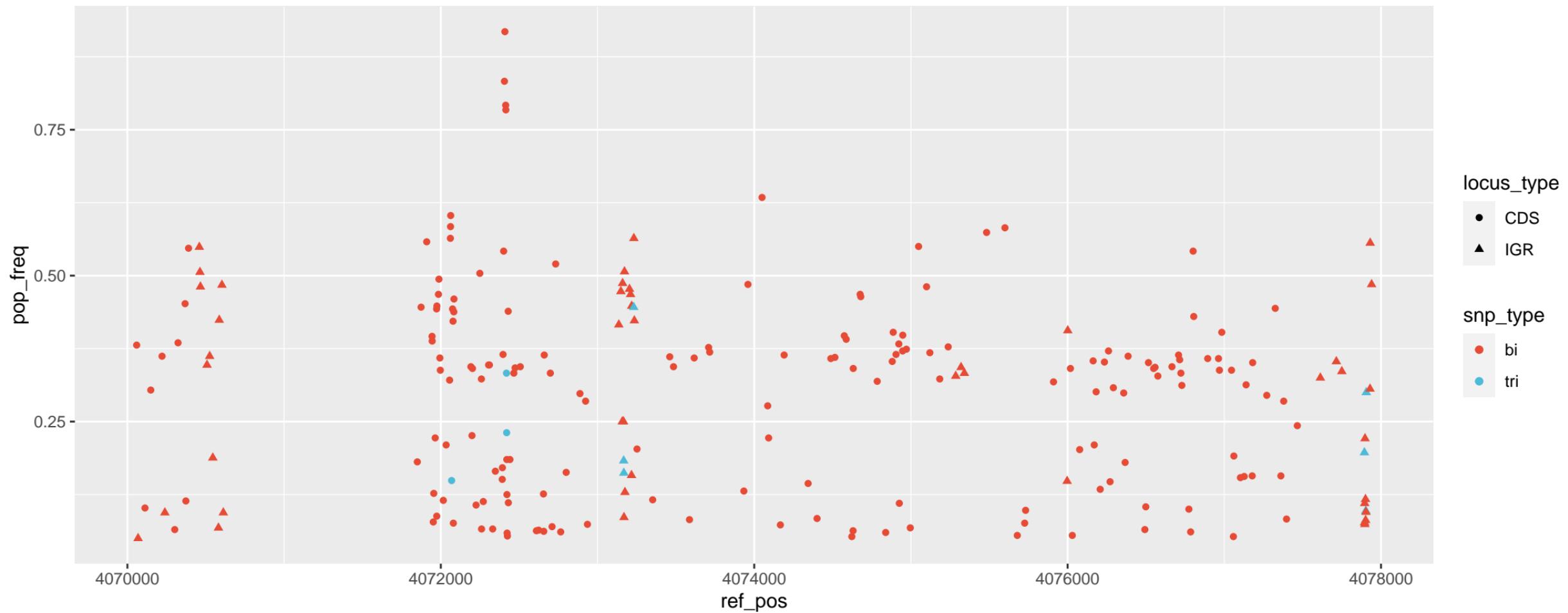


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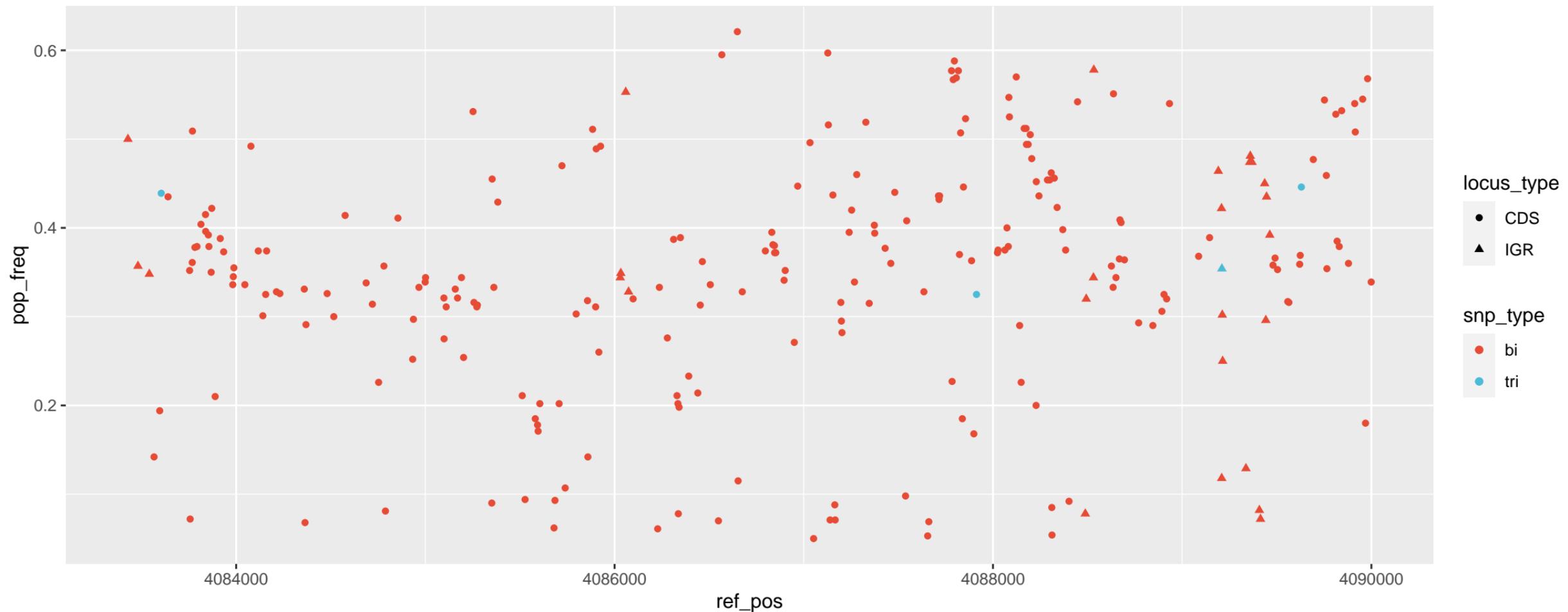




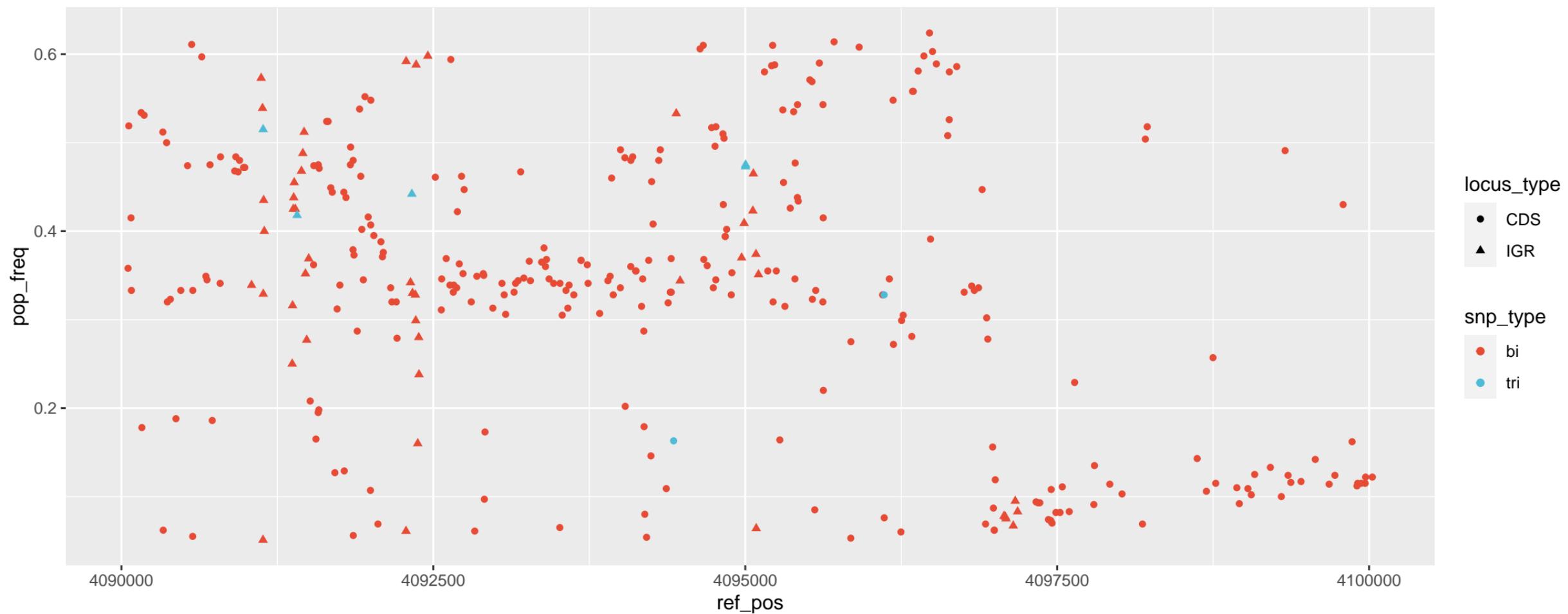
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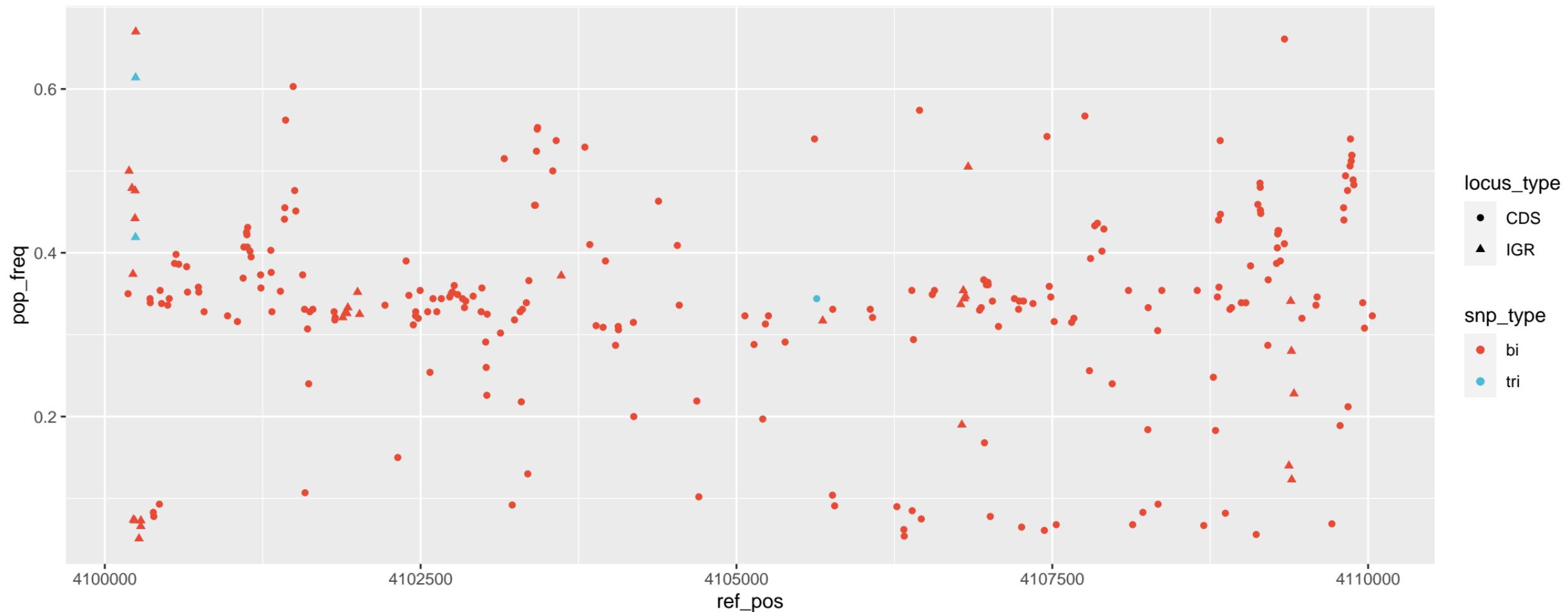
## UHGG143505\_1:4080052–4090052



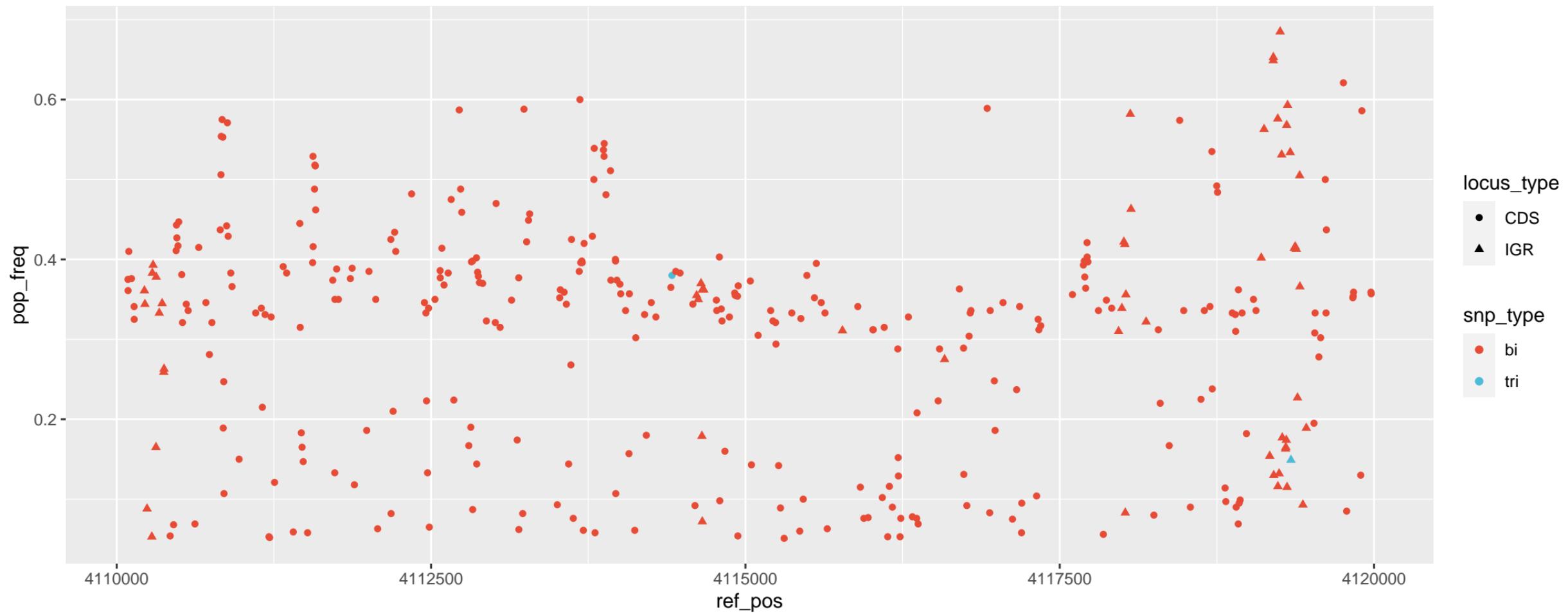
## UHGG143505\_1:4090052–4100052



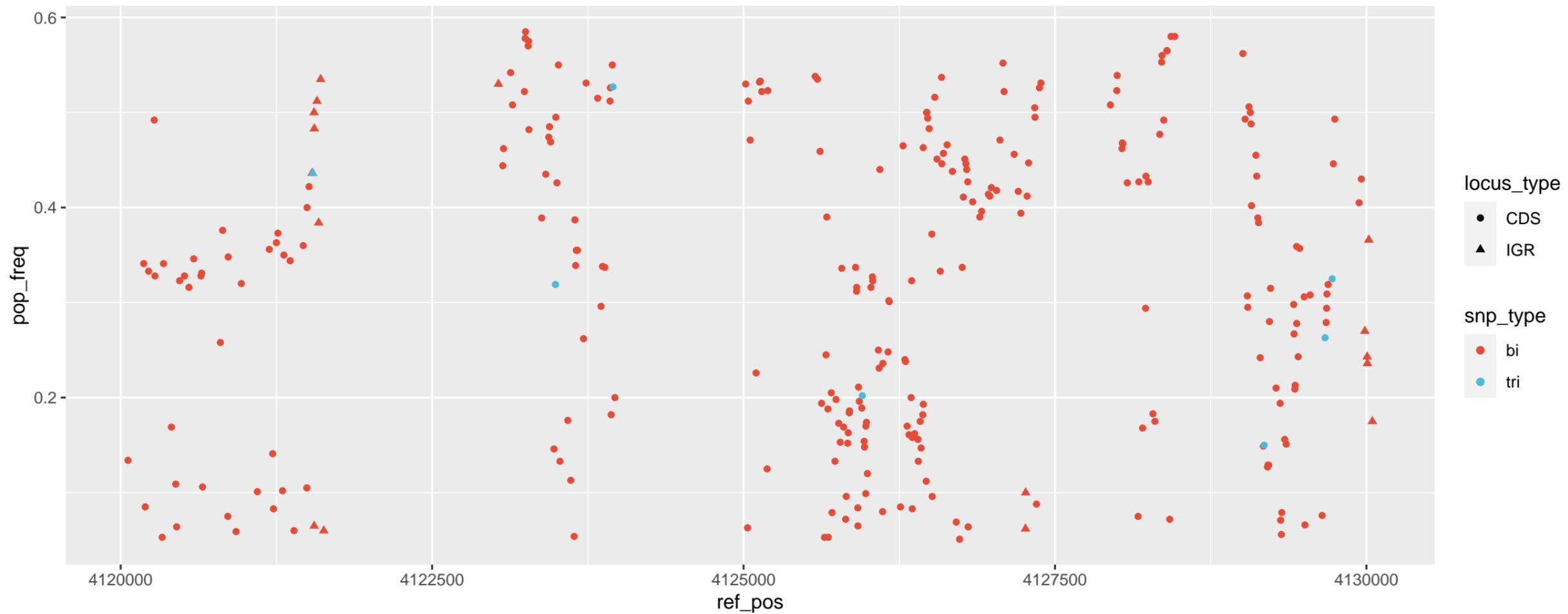
## UHGG143505\_1:4100052–4110052



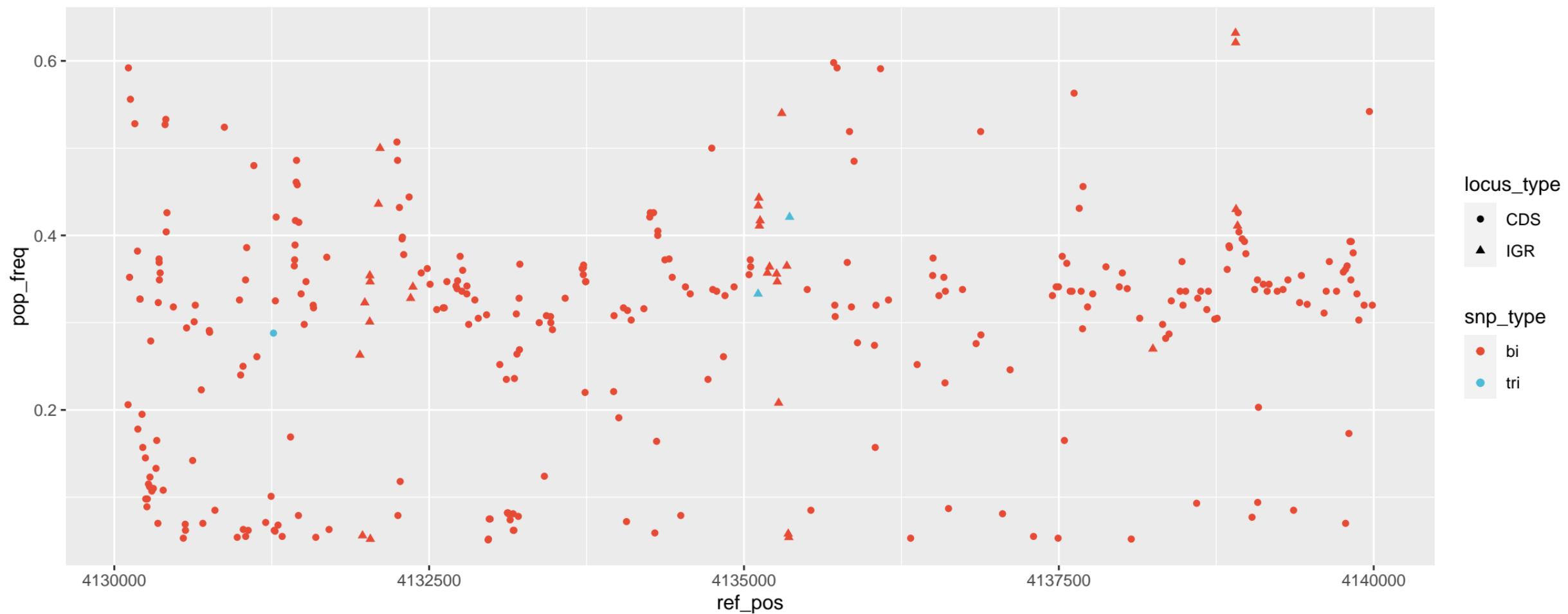
## UHGG143505\_1:4110052–4120052



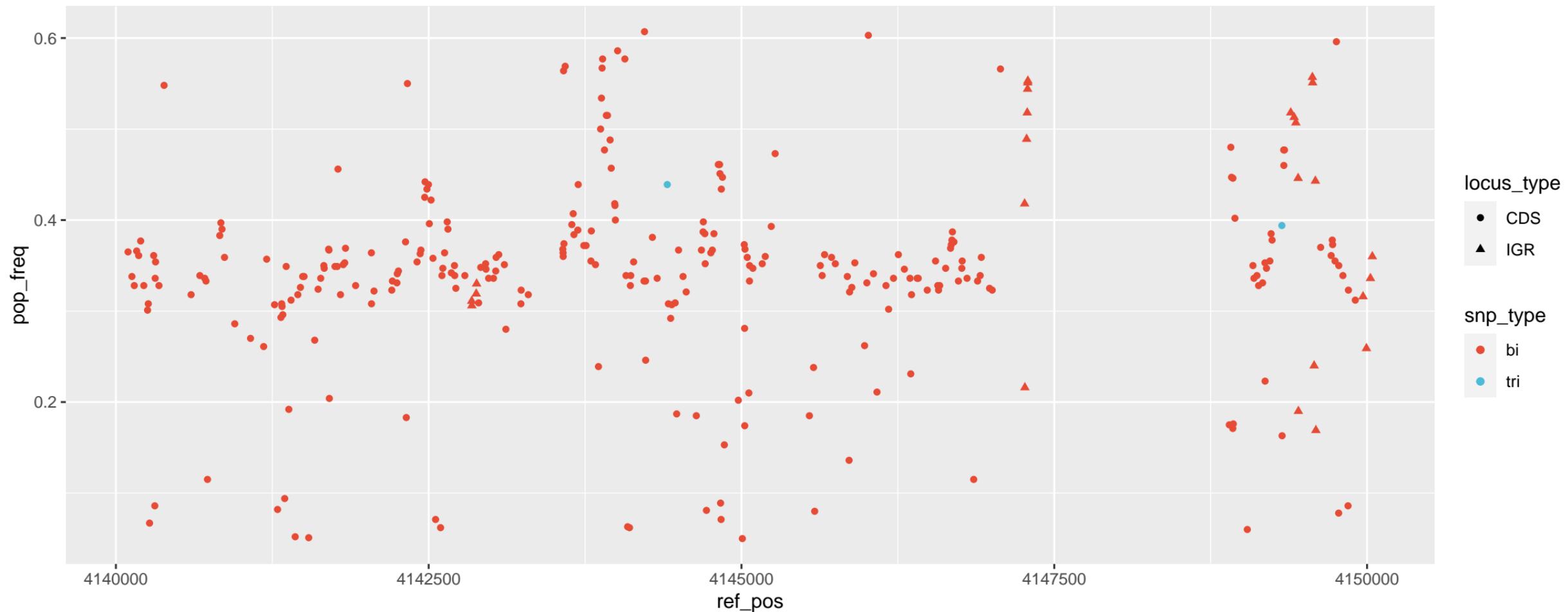
## UHGG143505\_1:4120052–4130052



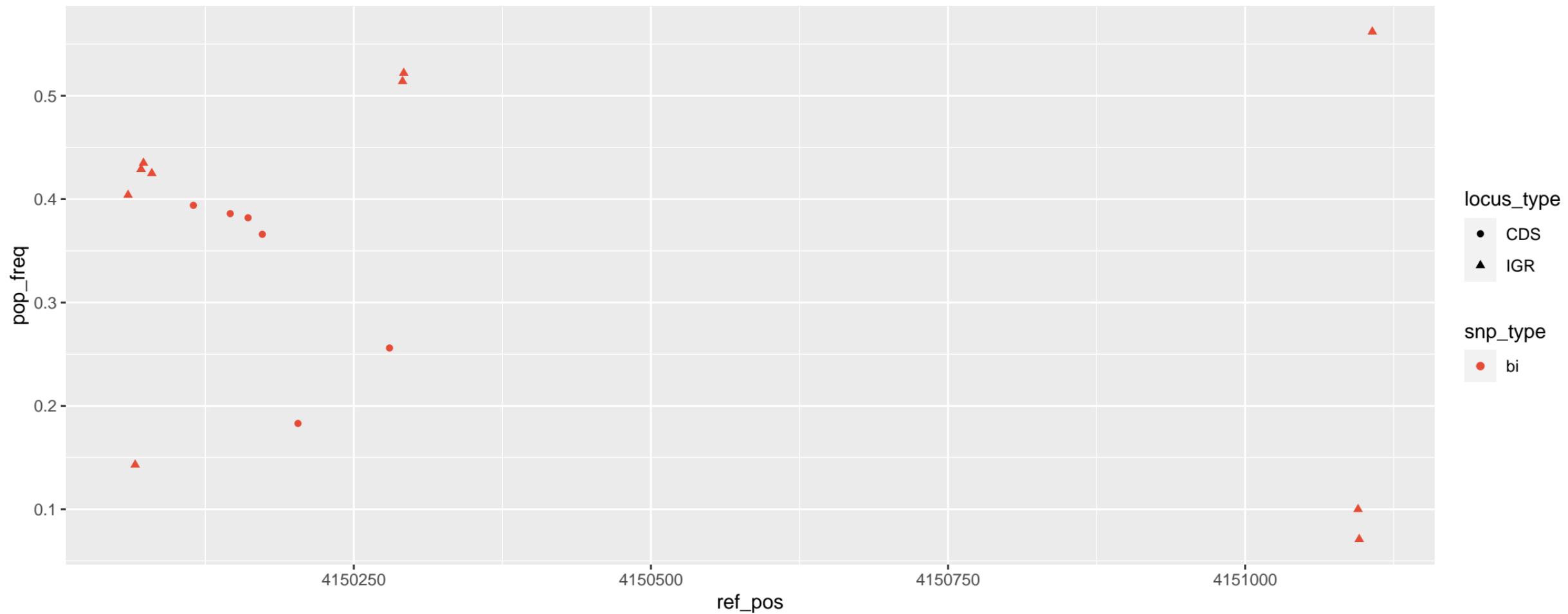
## UHGG143505\_1:4130052–4140052



## UHGG143505\_1:4140052–4150052



## UHGG143505\_1:4150052–4160052



UHGG143505\_1:4160052–4170052

pop\_freq

ref\_pos

UHGG143505\_1:4170052–4180052

pop\_freq

ref\_pos

UHGG143505\_1:4180052–4190052

pop\_freq

ref\_pos

UHGG143505\_1:4190052–4200052

pop\_freq

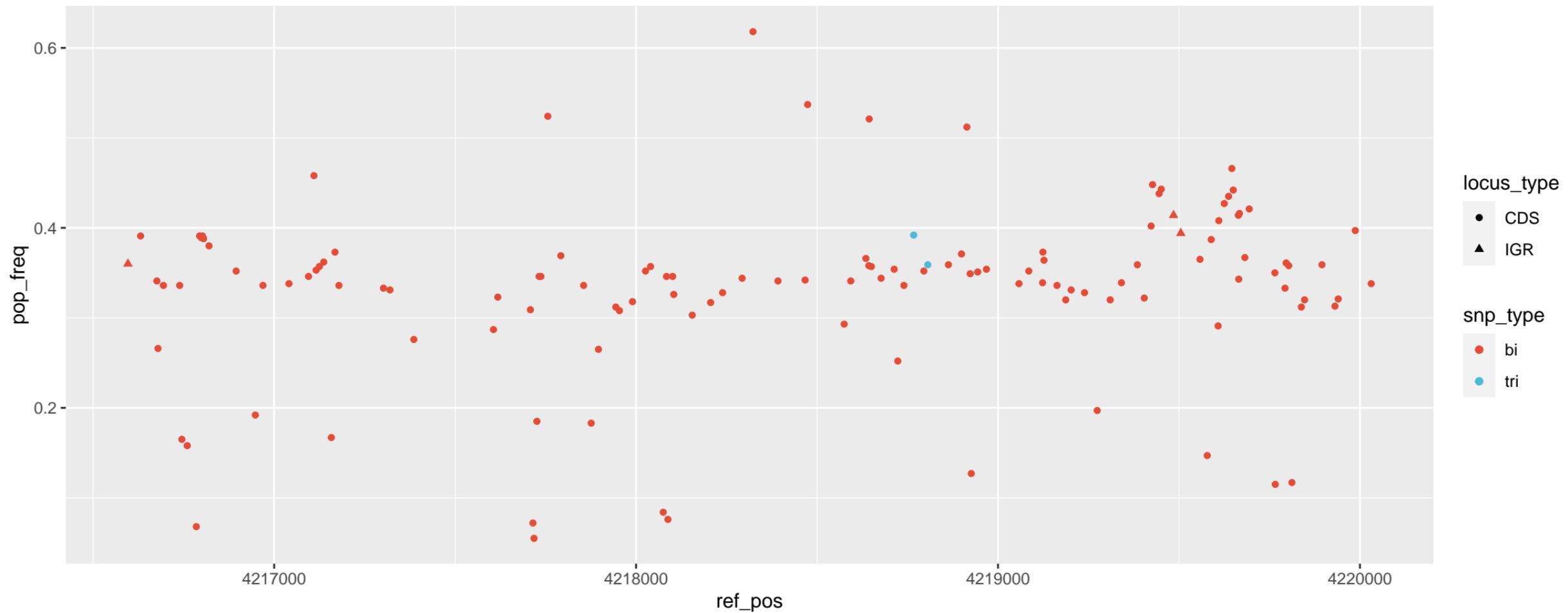
ref\_pos

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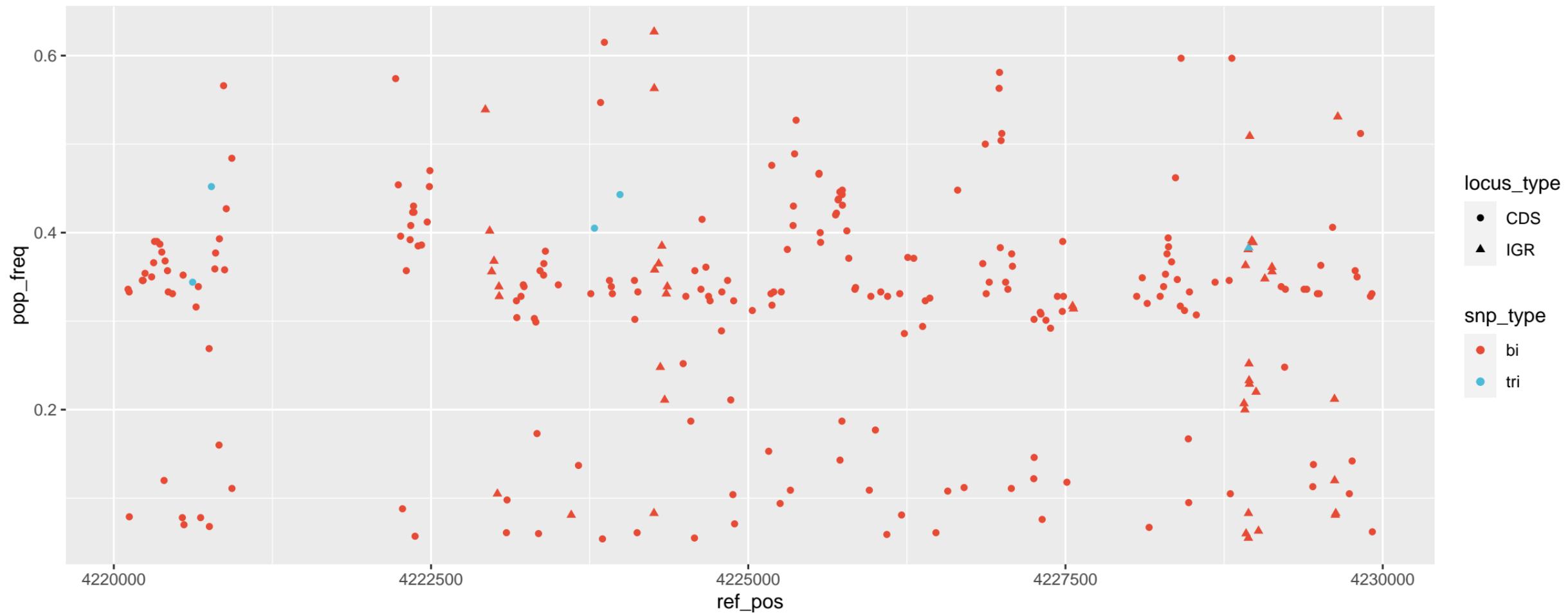
pop\_freq

ref\_pos

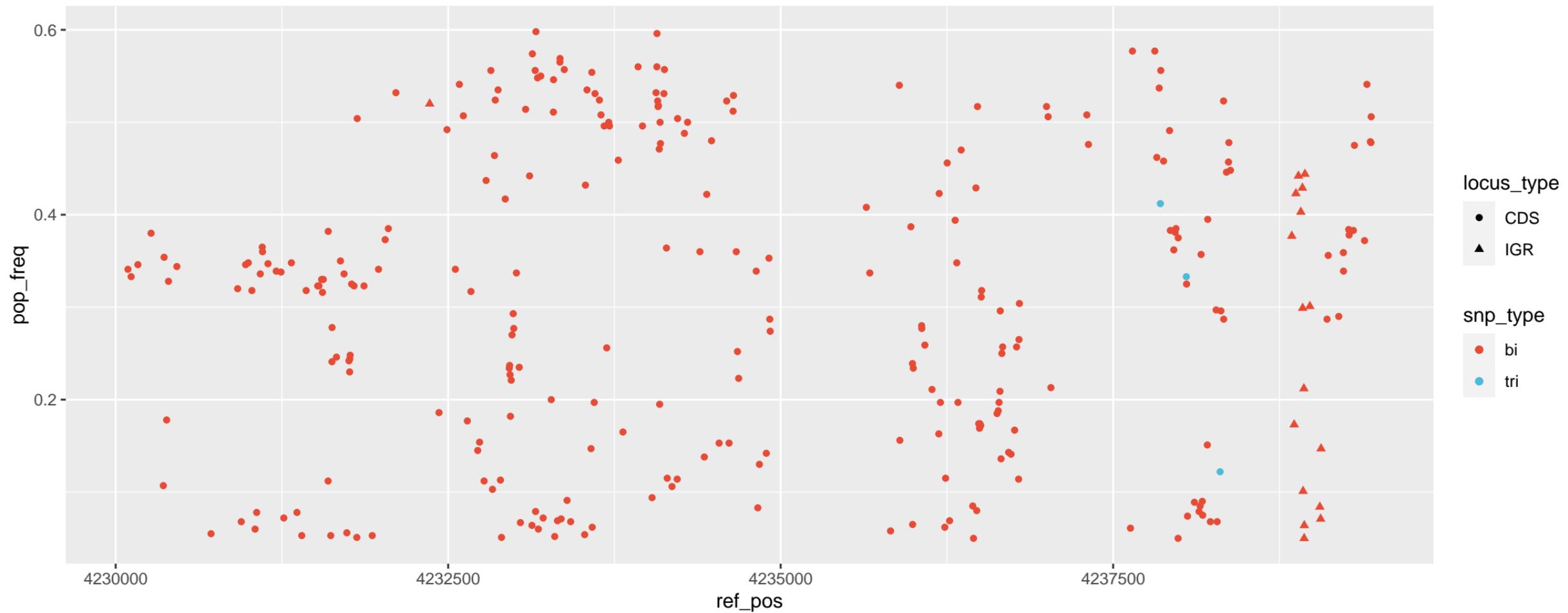
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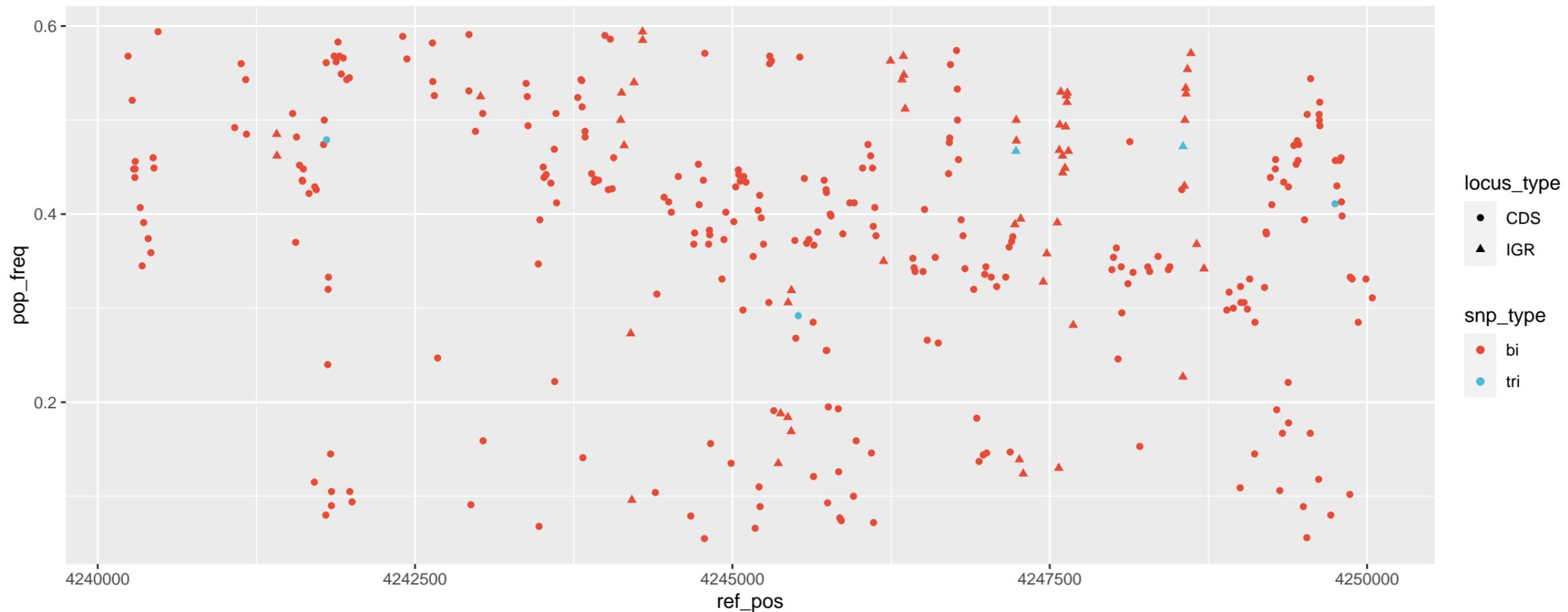
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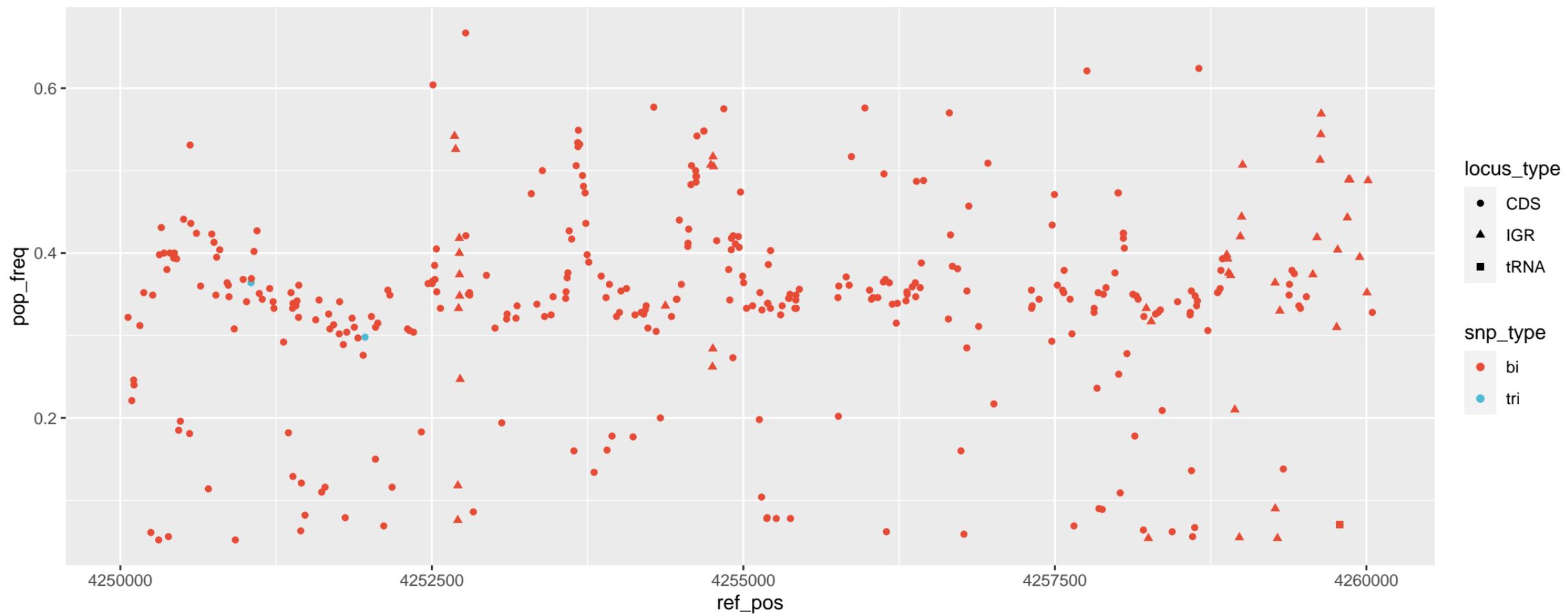
## UHGG143505\_1:4230052–4240052



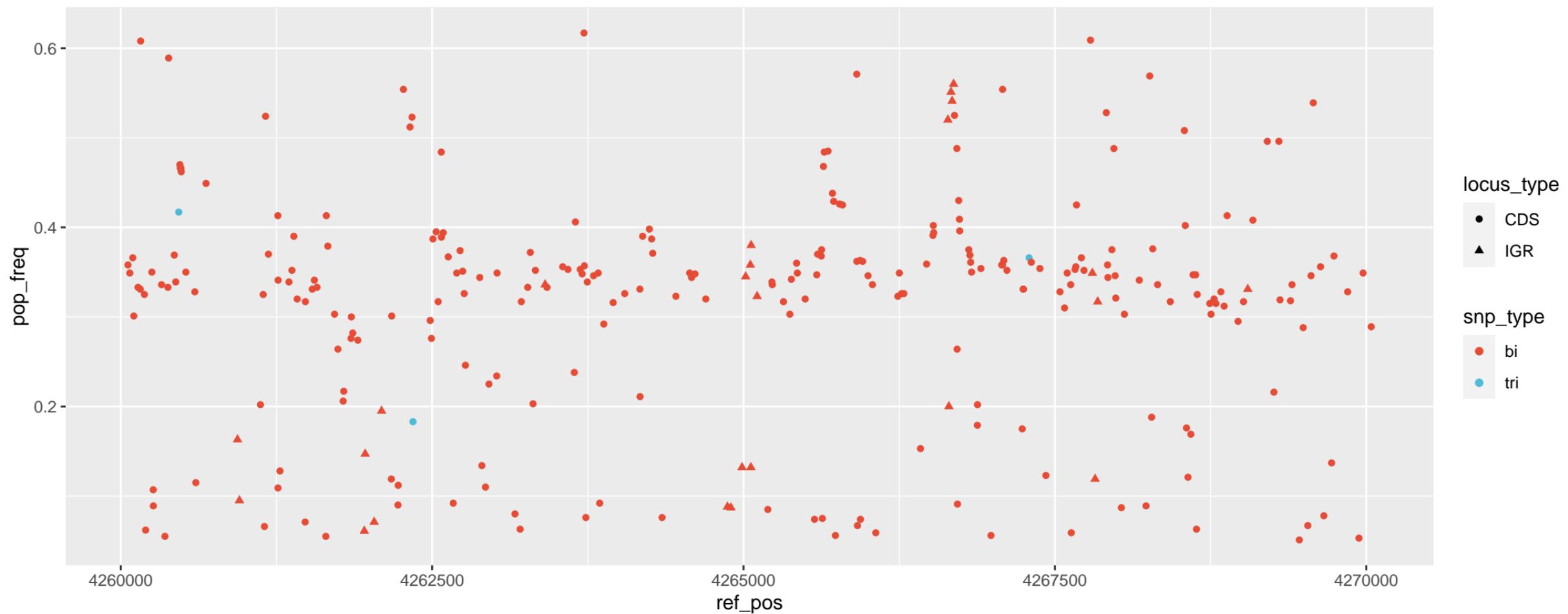
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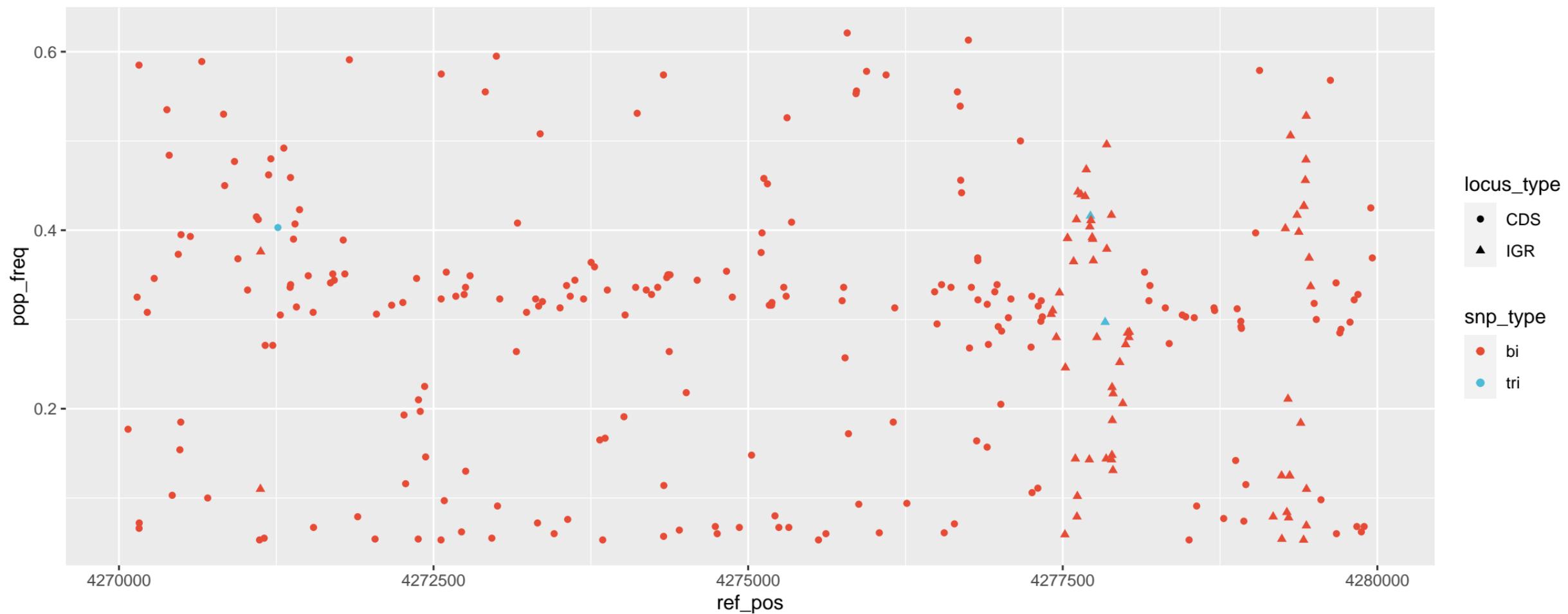
## UHGG143505\_1:4250052–4260052



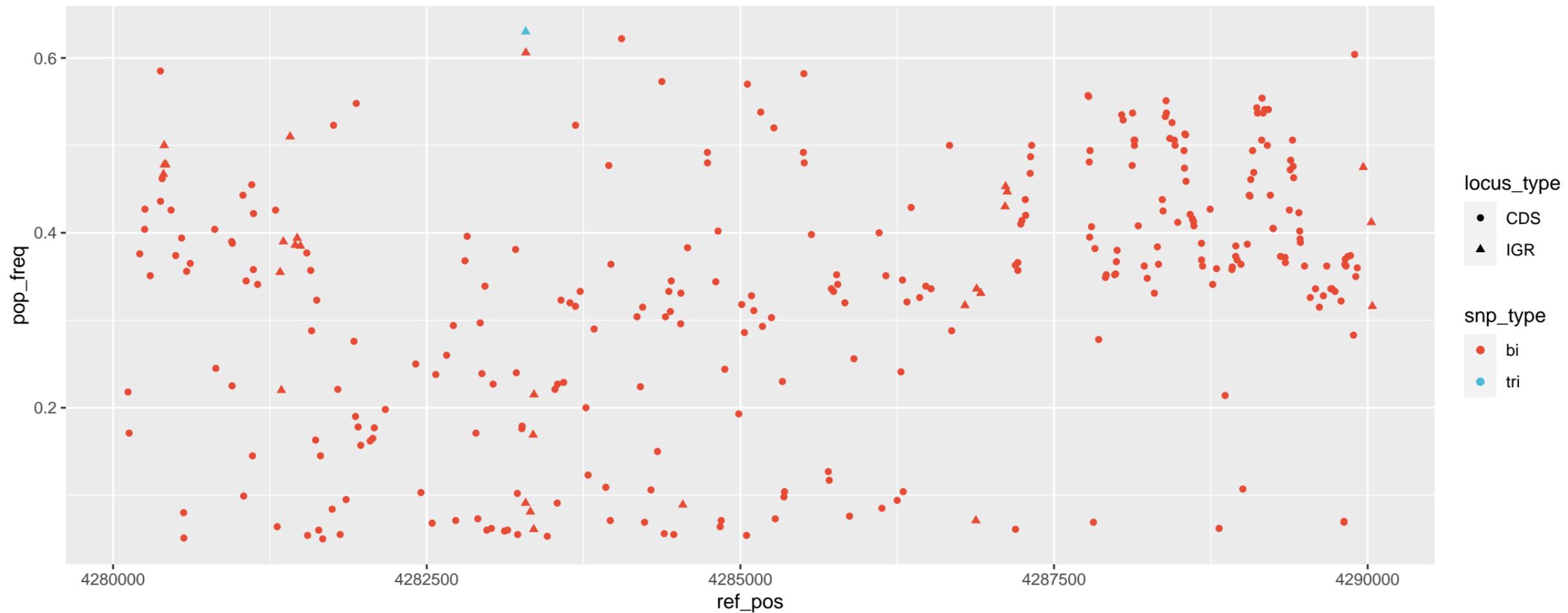
## UHGG143505\_1:4260052–4270052



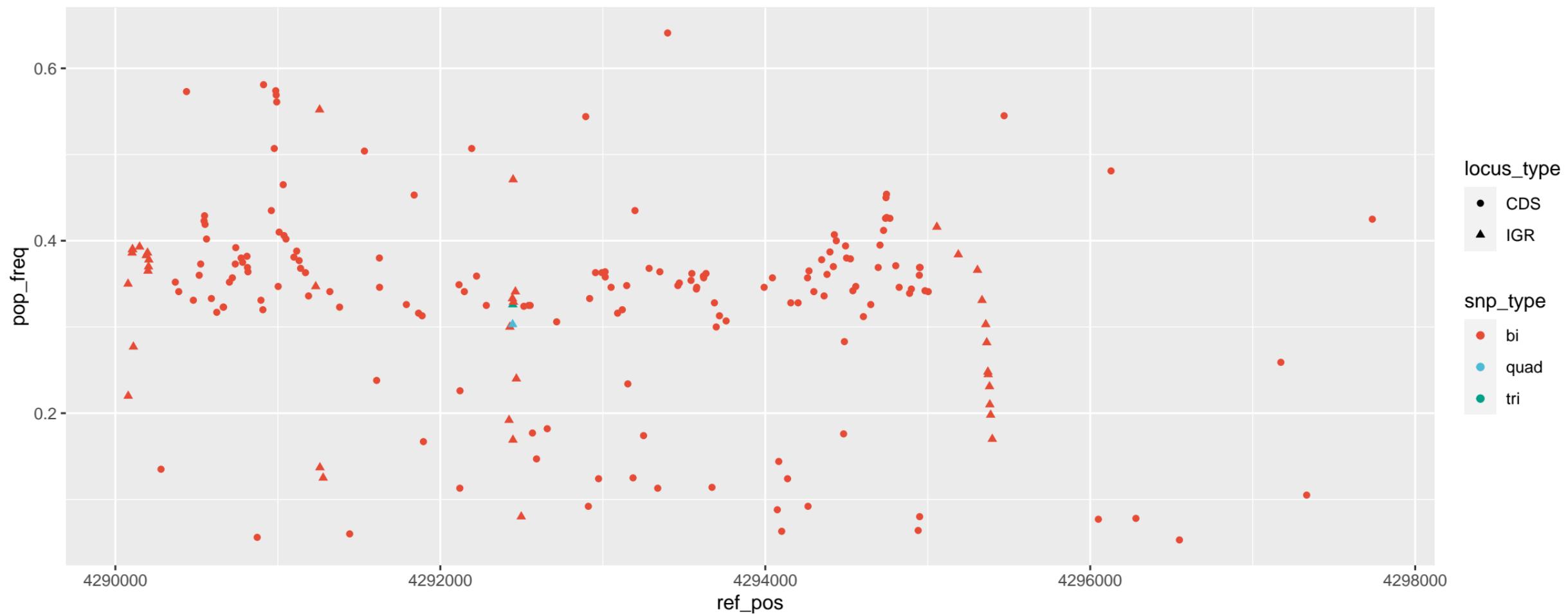
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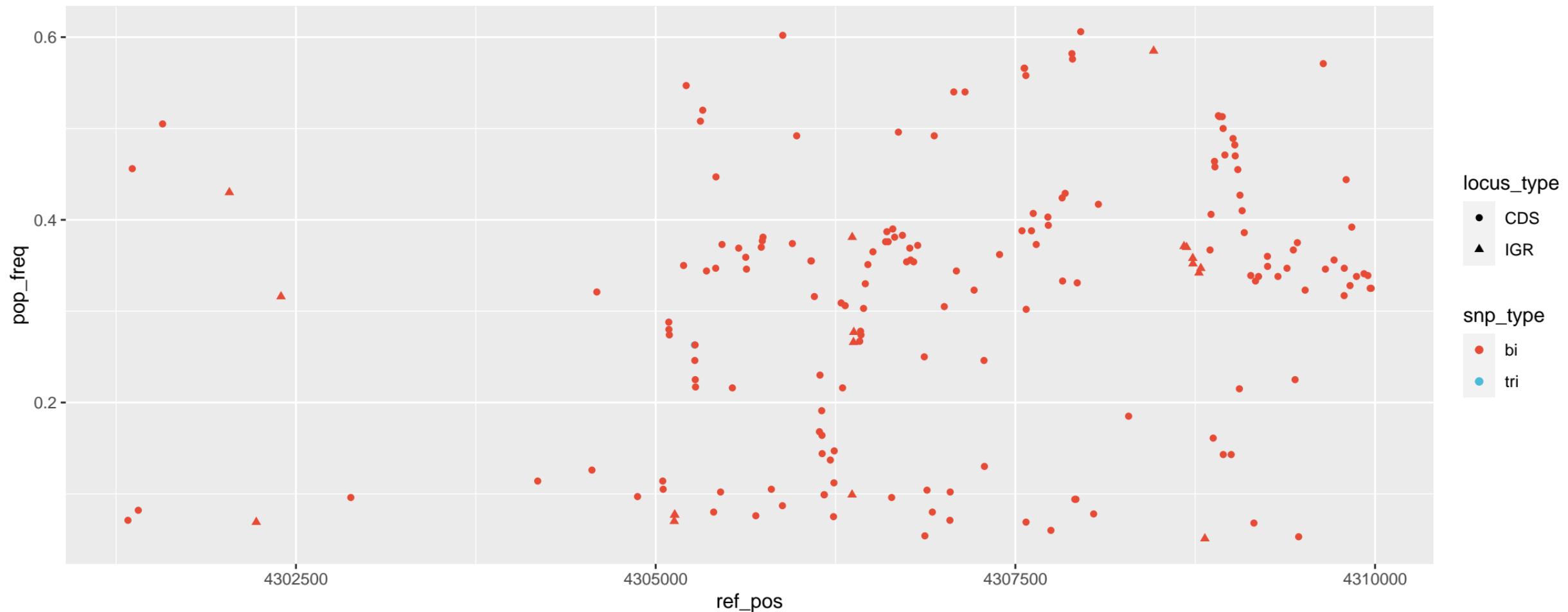
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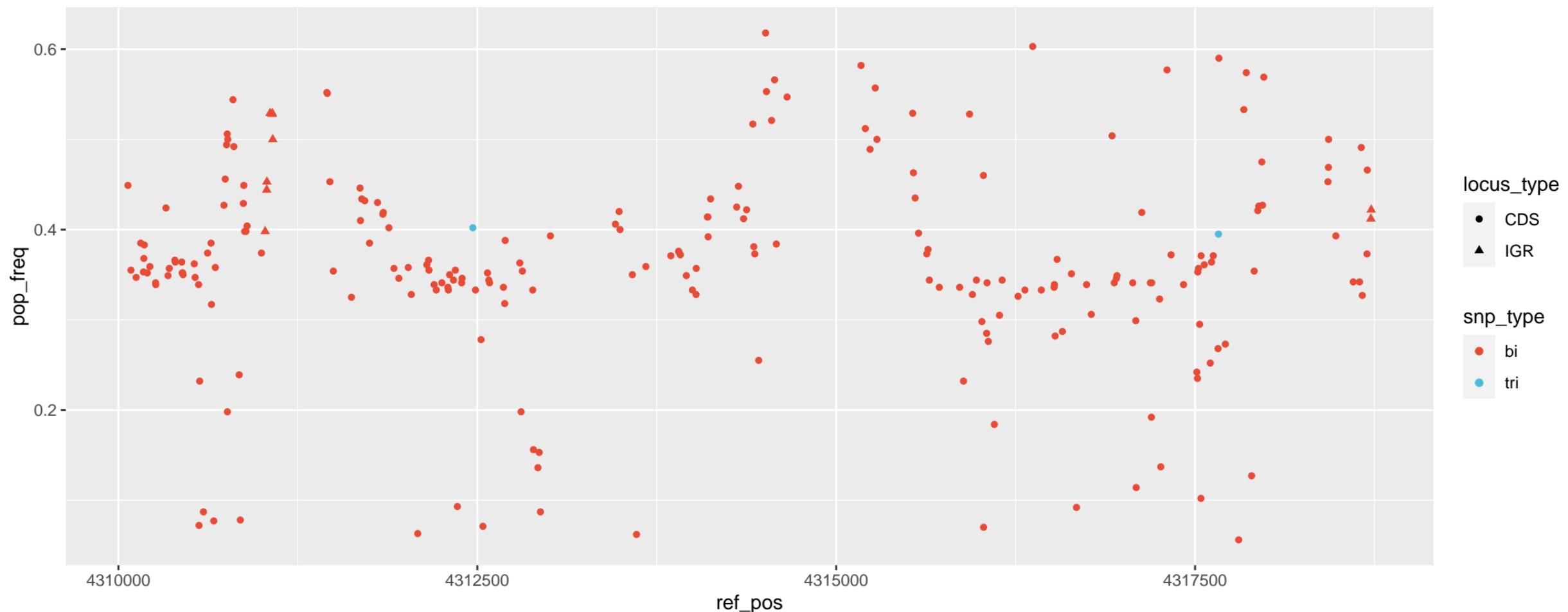
## UHGG143505\_1:4290052–4300052



## UHGG143505\_1:4300052–4310052



## UHGG143505\_1:4310052–4320052



UHGG143505\_1:4320052–4330052

pop\_freq

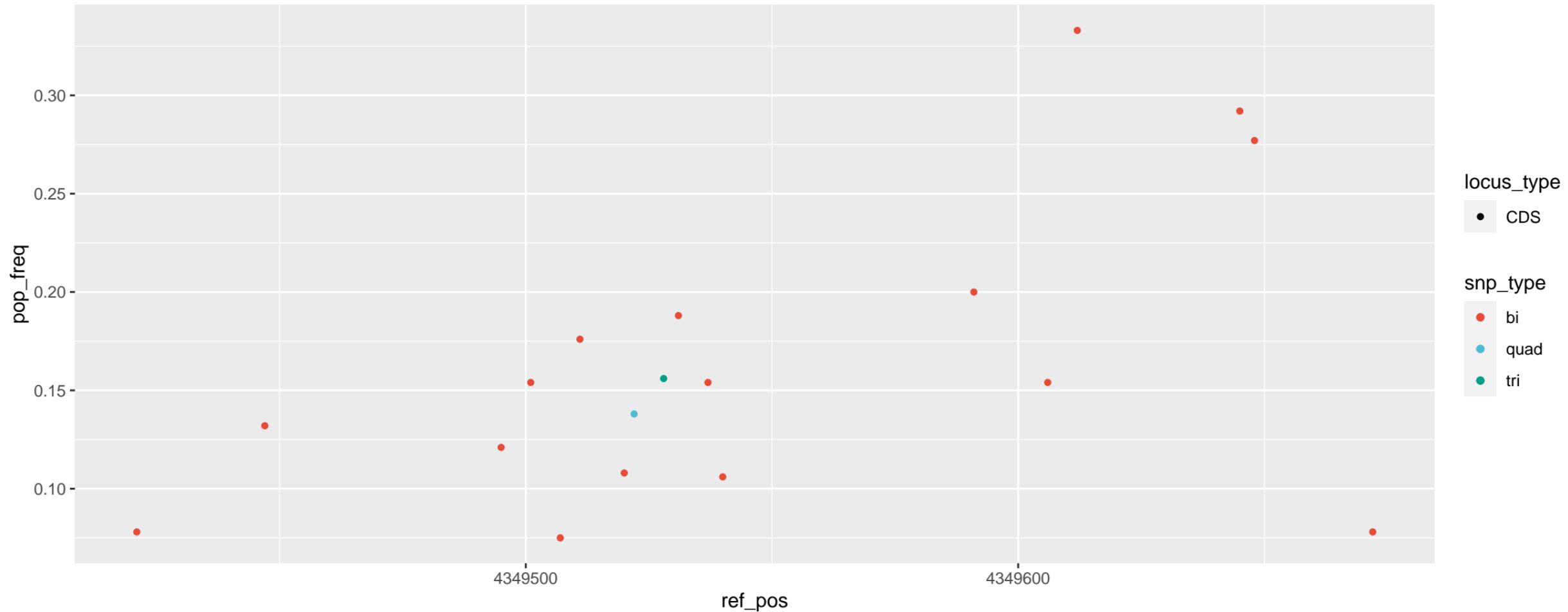
ref\_pos

UHGG143505\_1:4330052–4340052

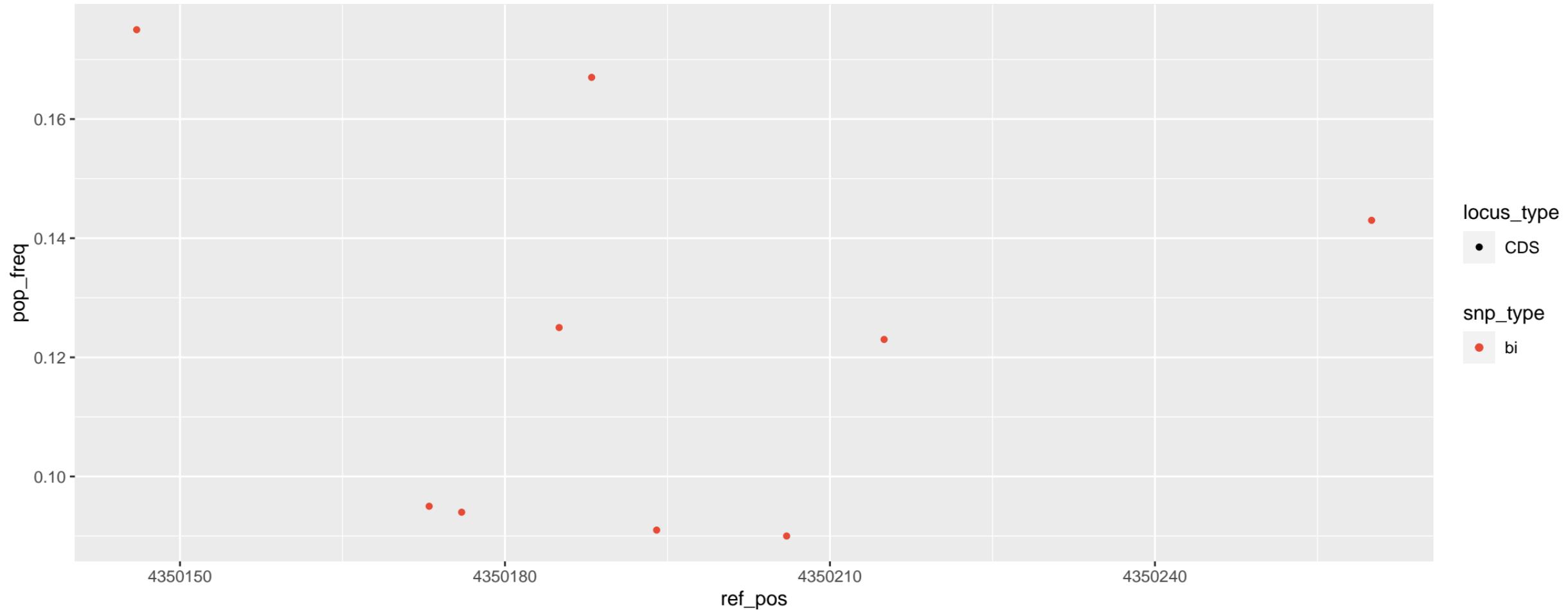
pop\_freq

ref\_pos

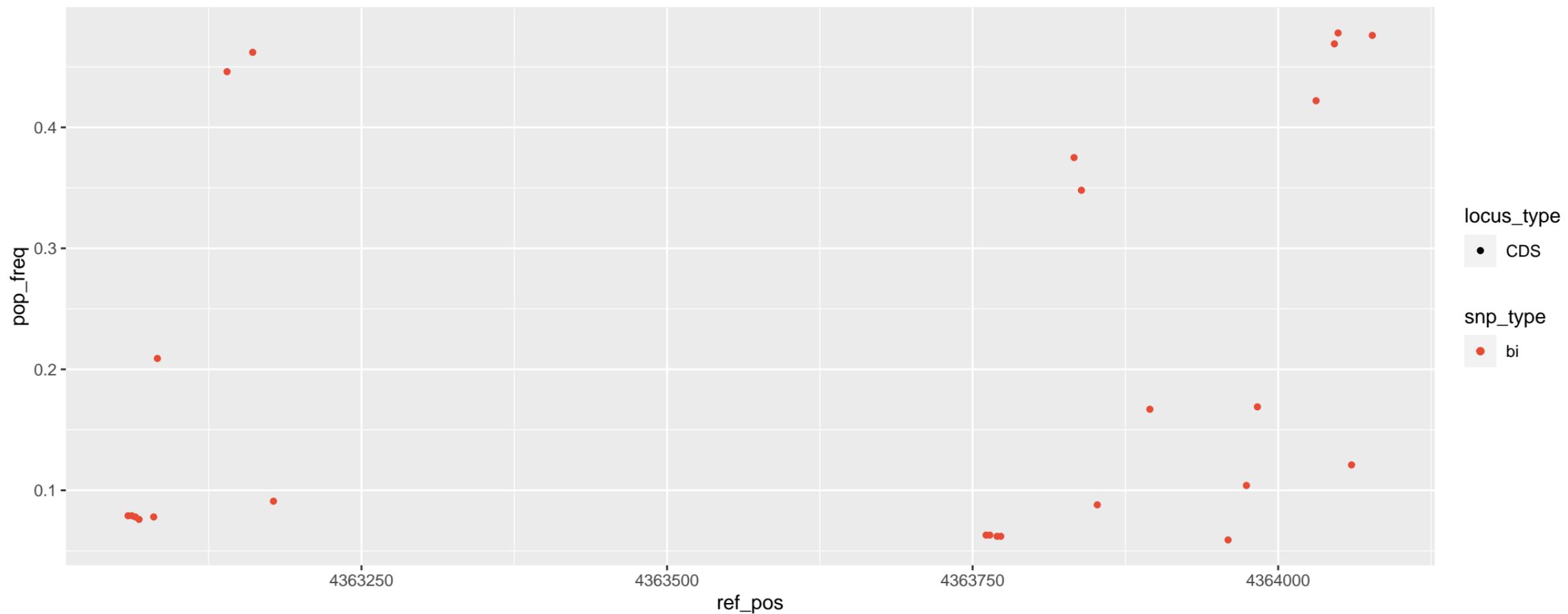
## UHGG143505\_1:4340052–4350052



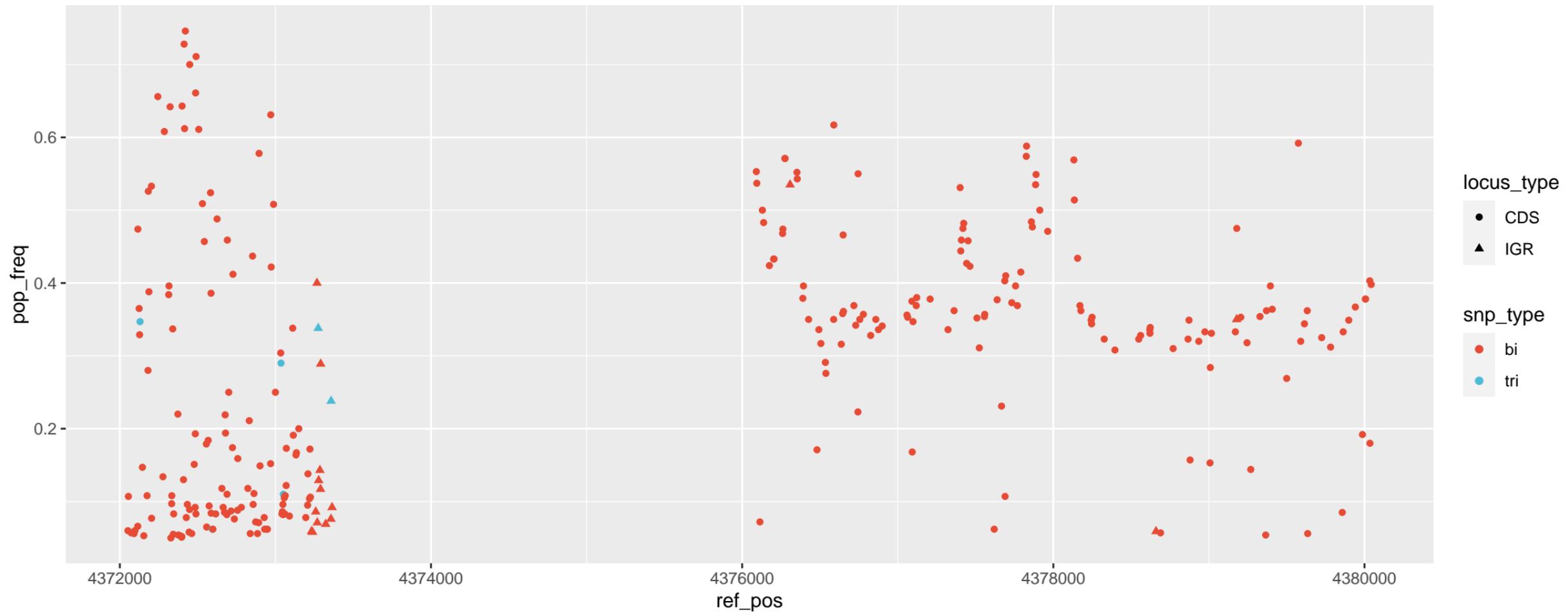
## UHGG143505\_1:4350052–4360052



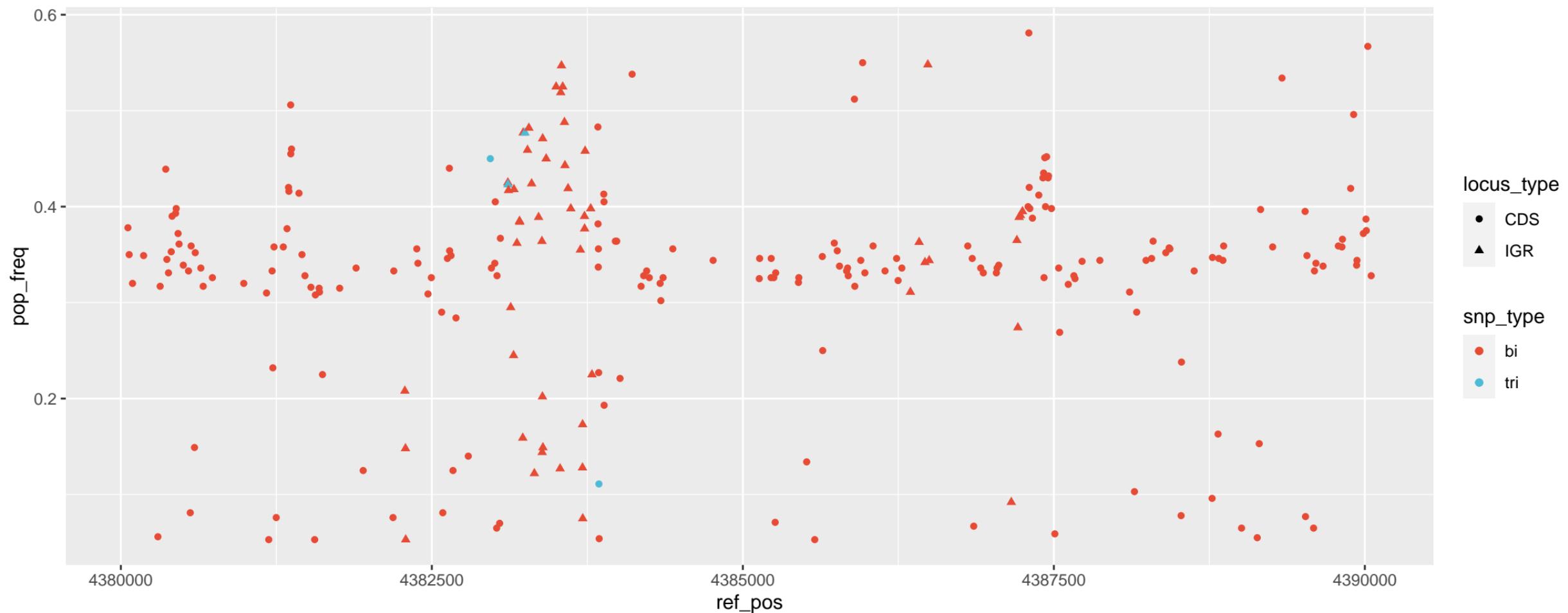
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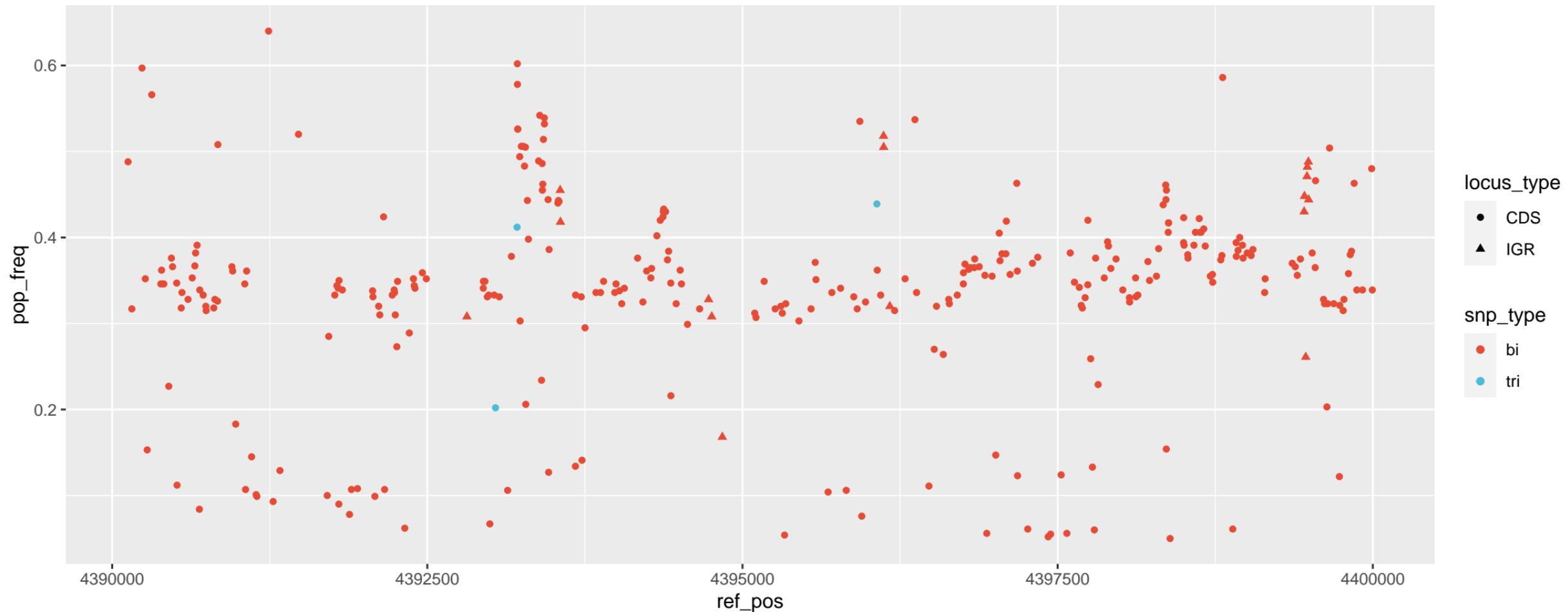
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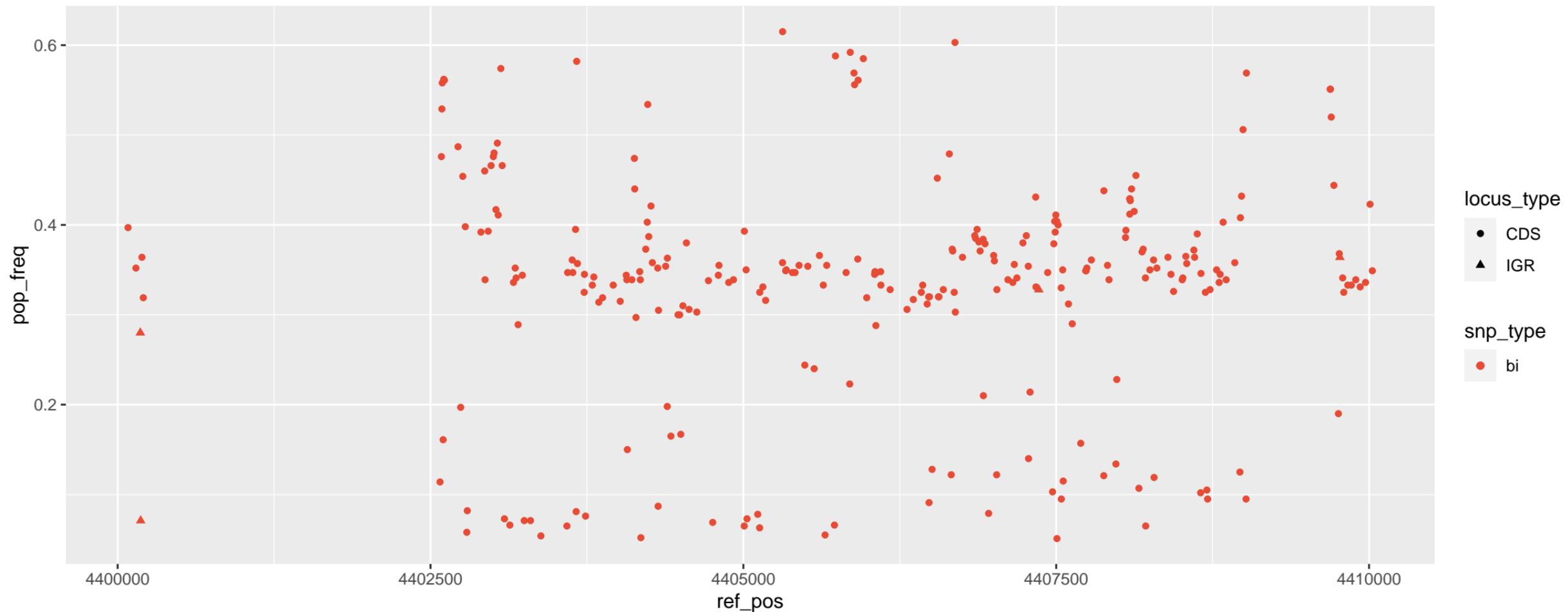
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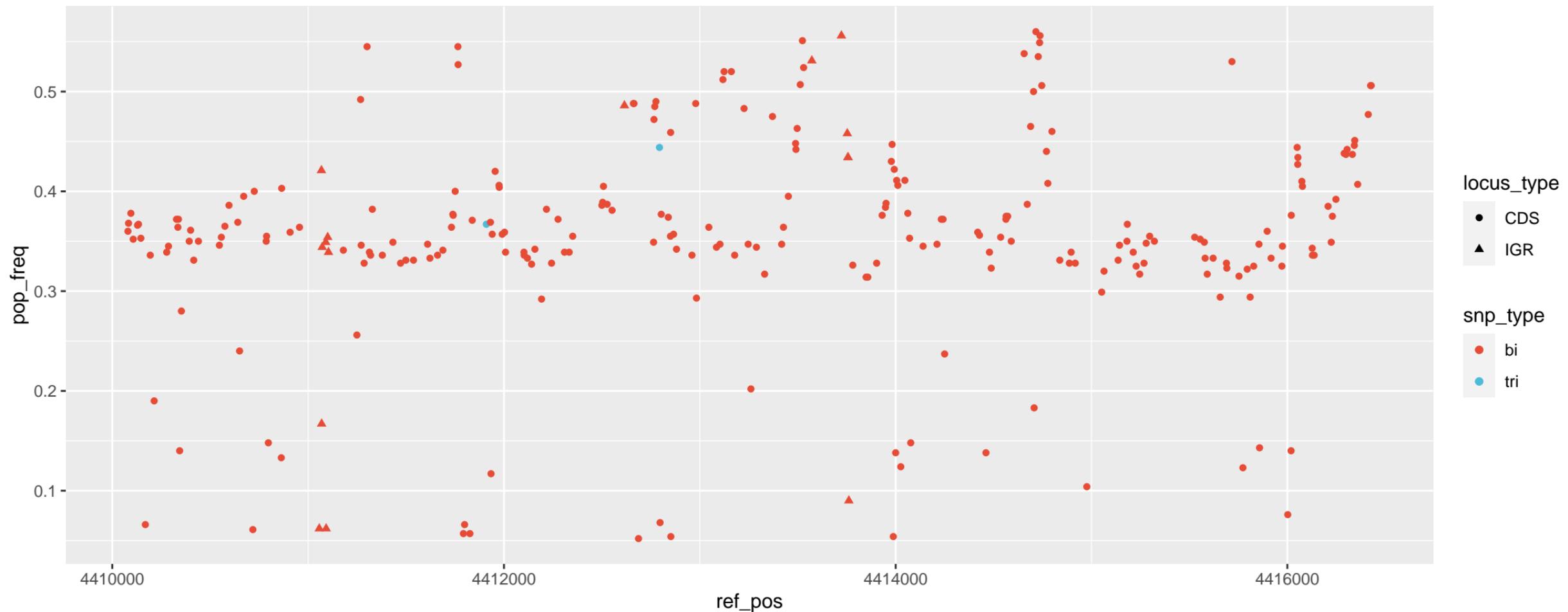
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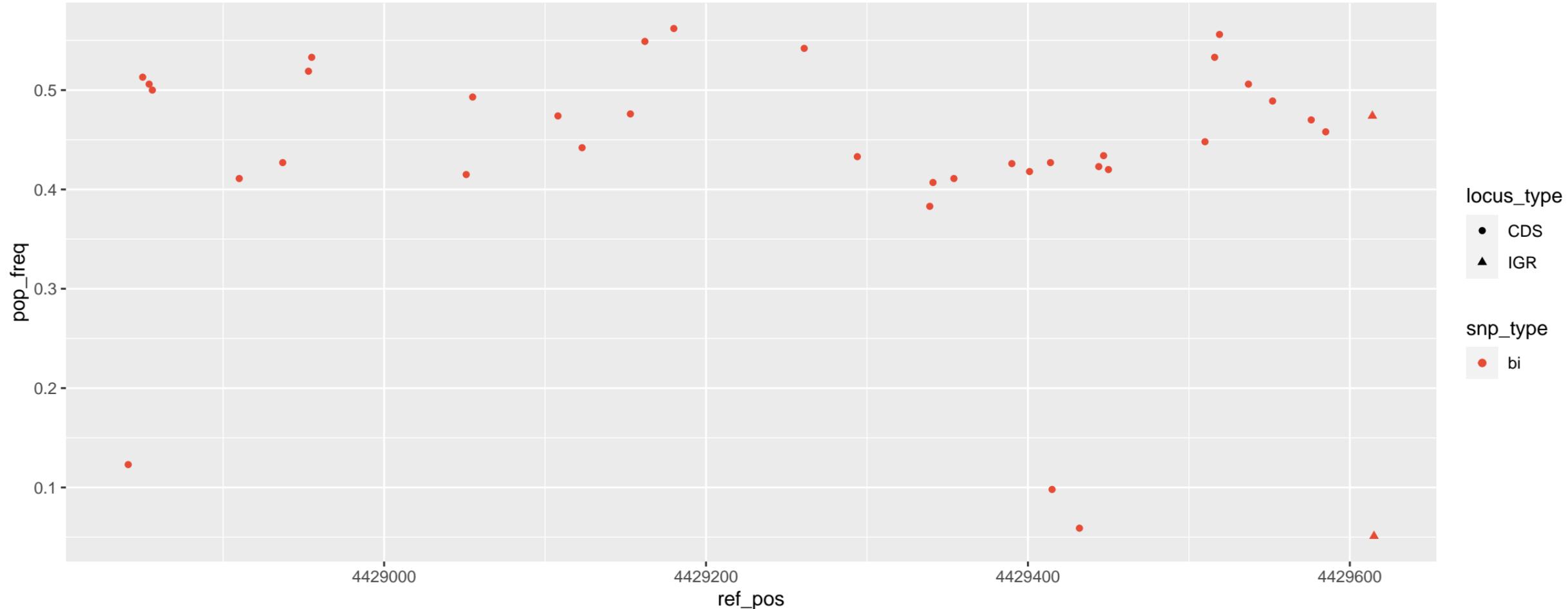
## UHGG143505\_1:4400052–4410052



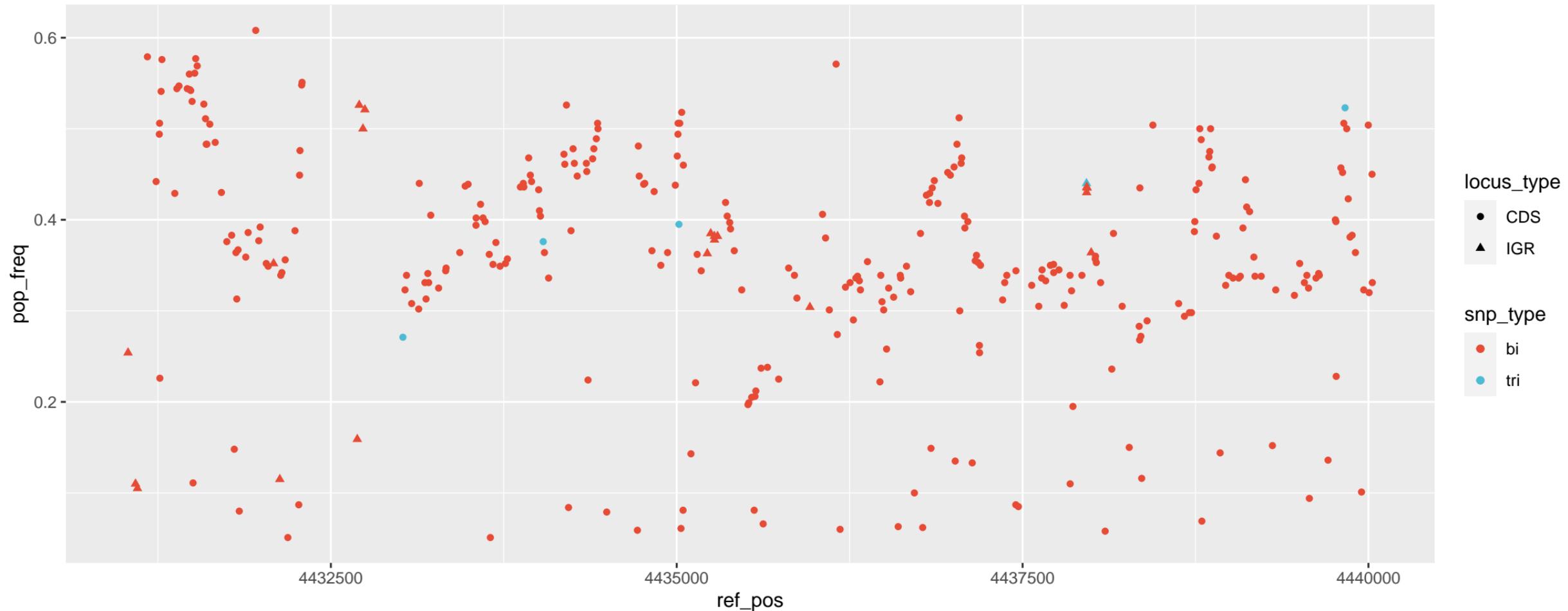
## UHGG143505\_1:4410052–4420052



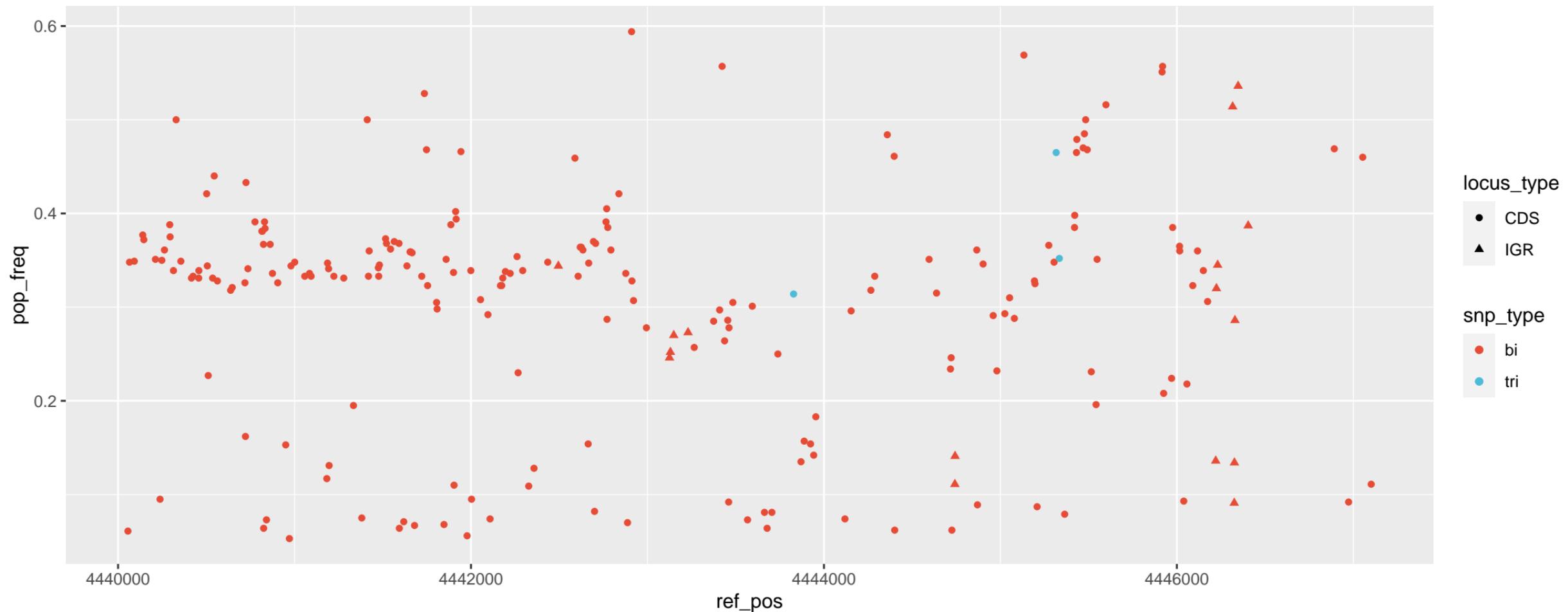
## UHGG143505\_1:4420052–4430052



## UHGG143505\_1:4430052–4440052



## UHGG143505\_1:4440052–4450052

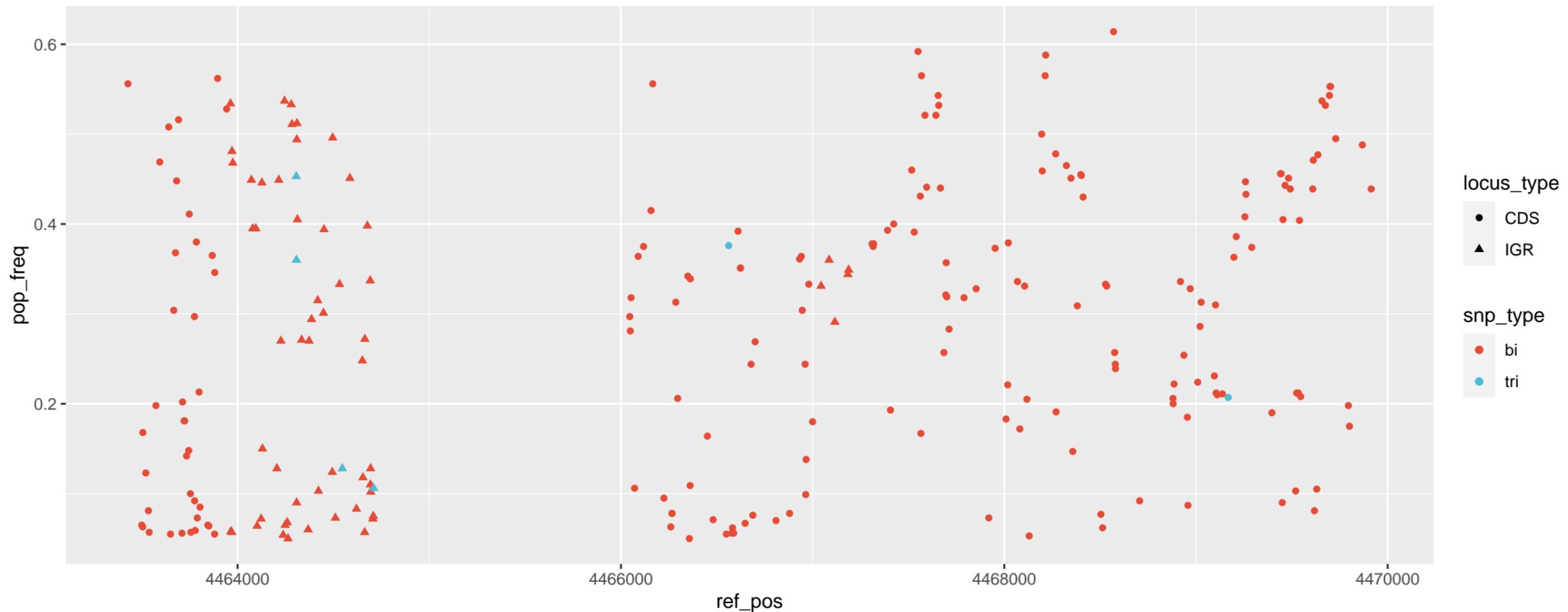


UHGG143505\_1:4450052–4460052

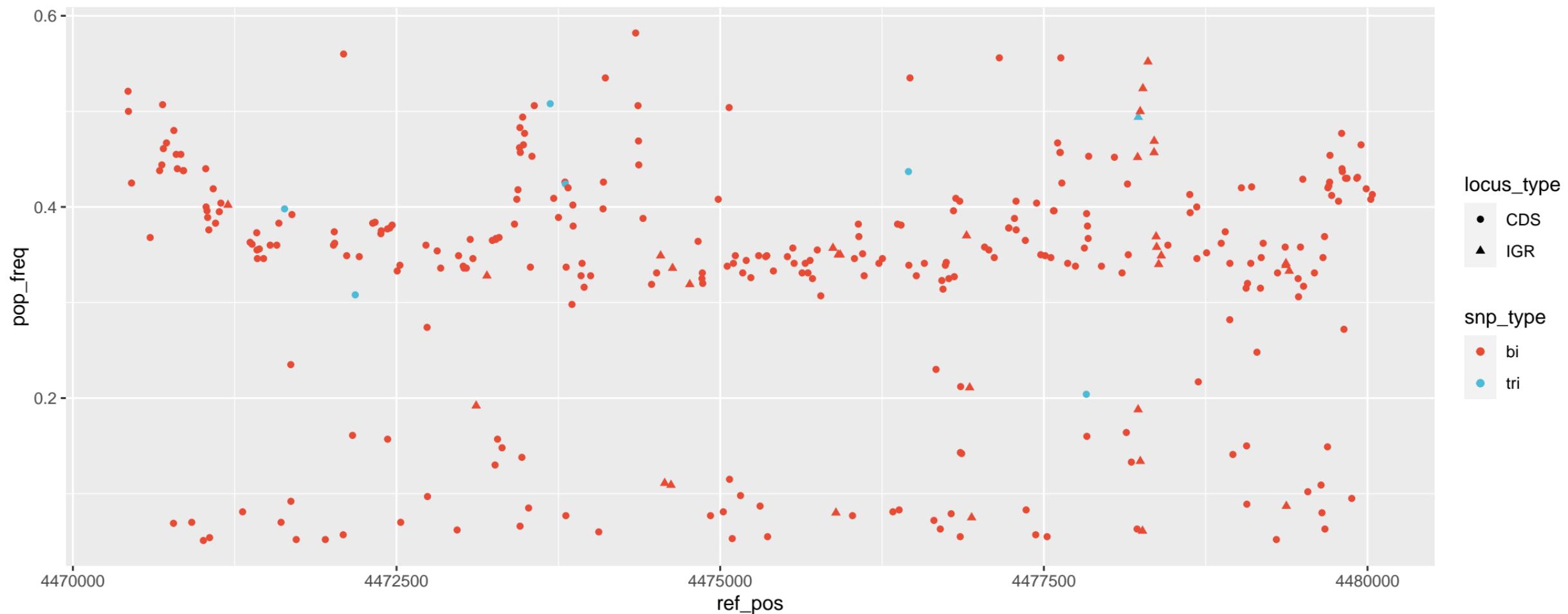
pop\_freq

ref\_pos

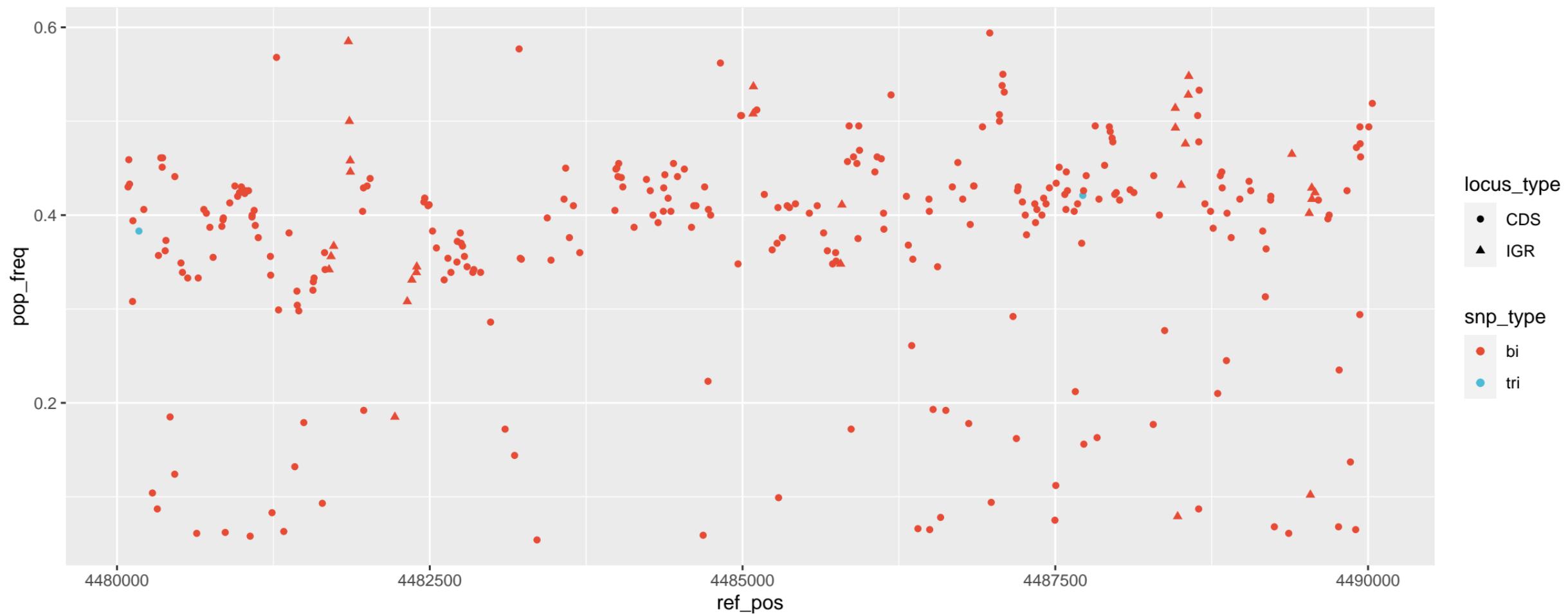
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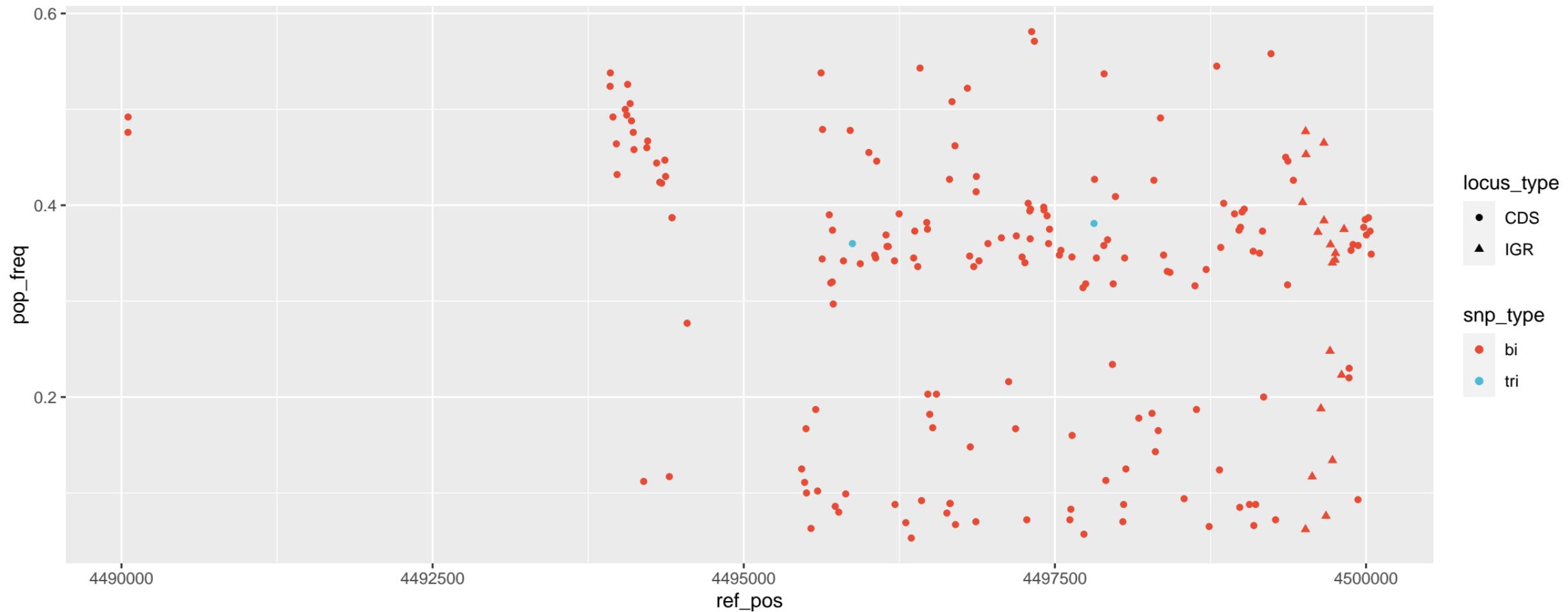
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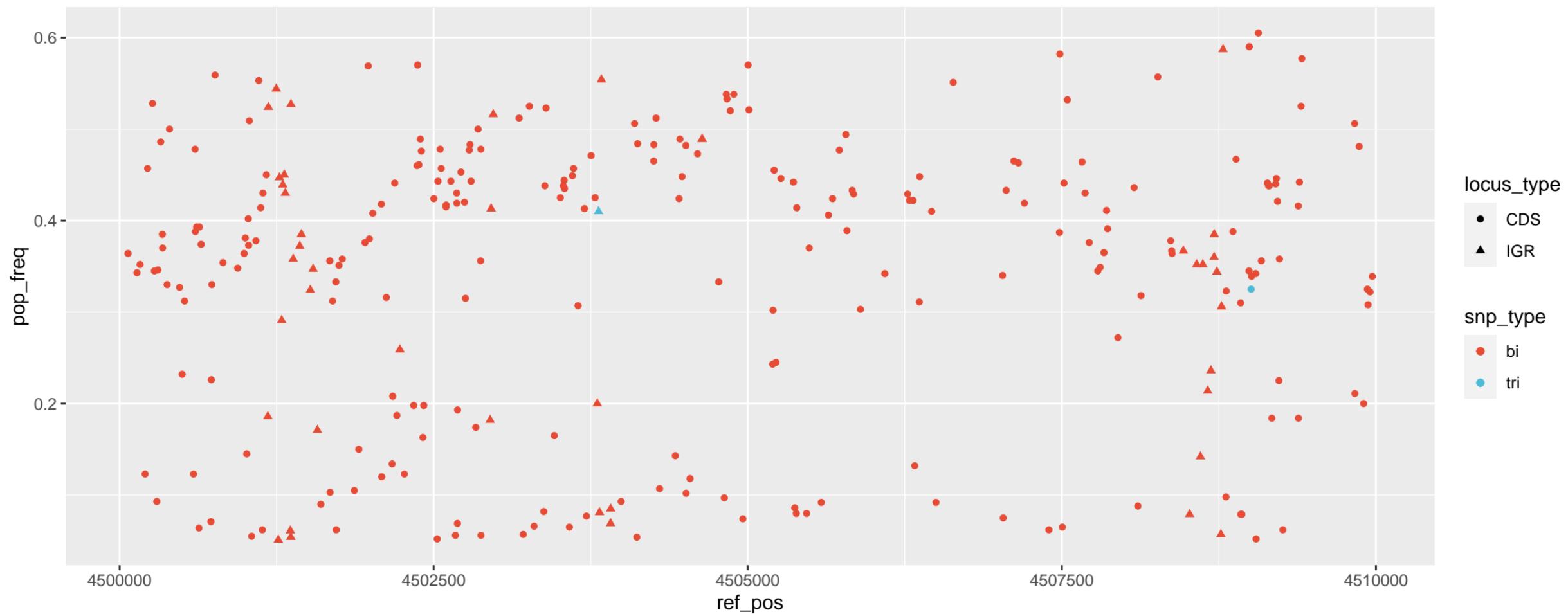
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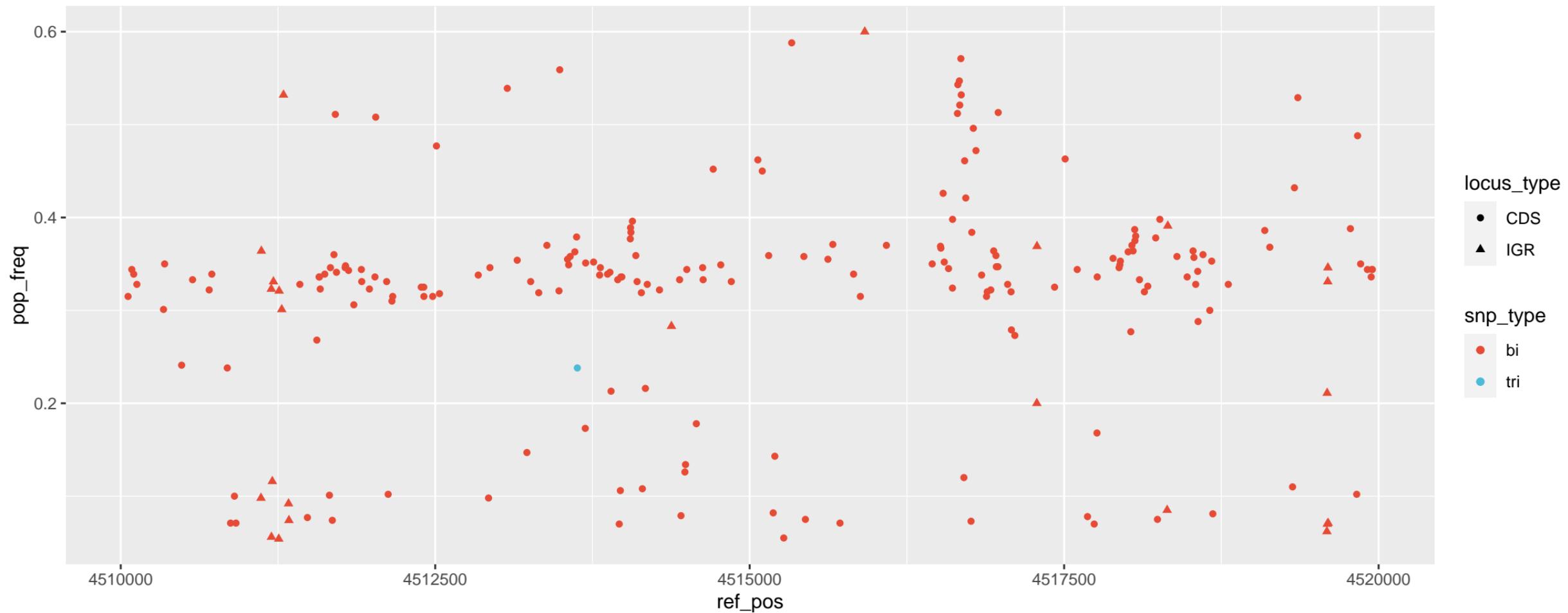
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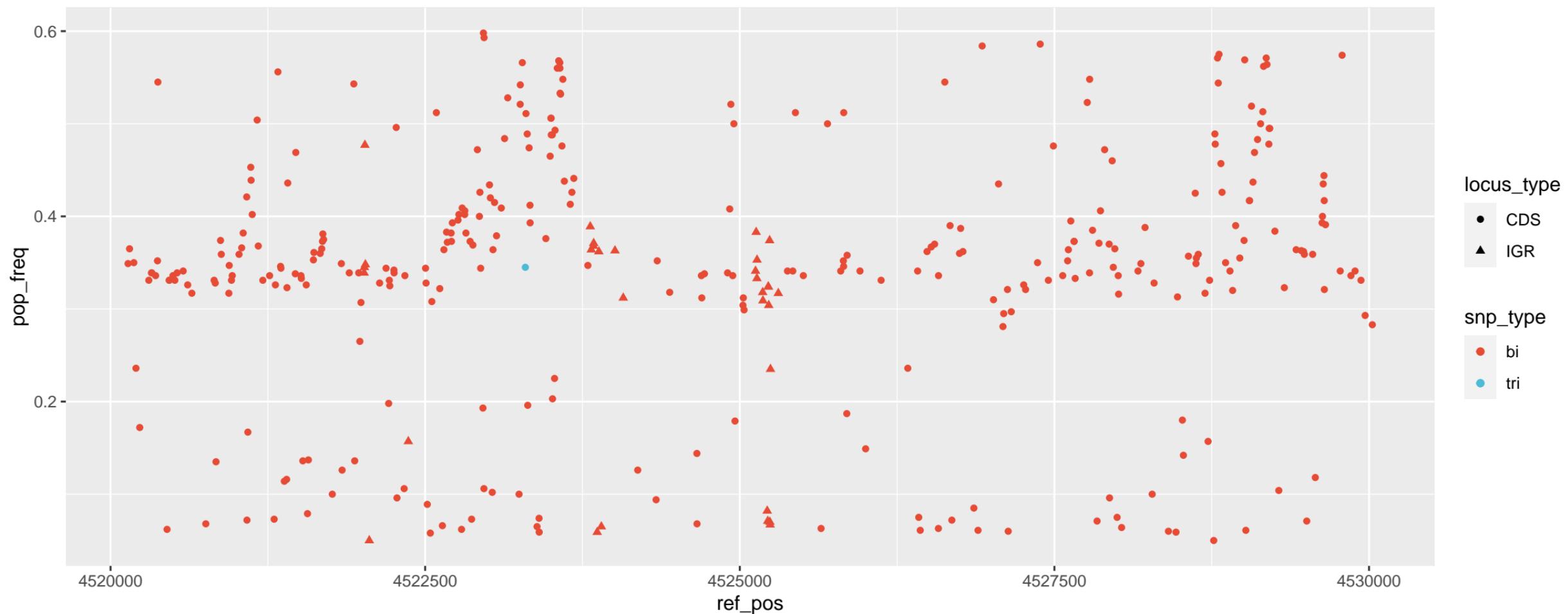
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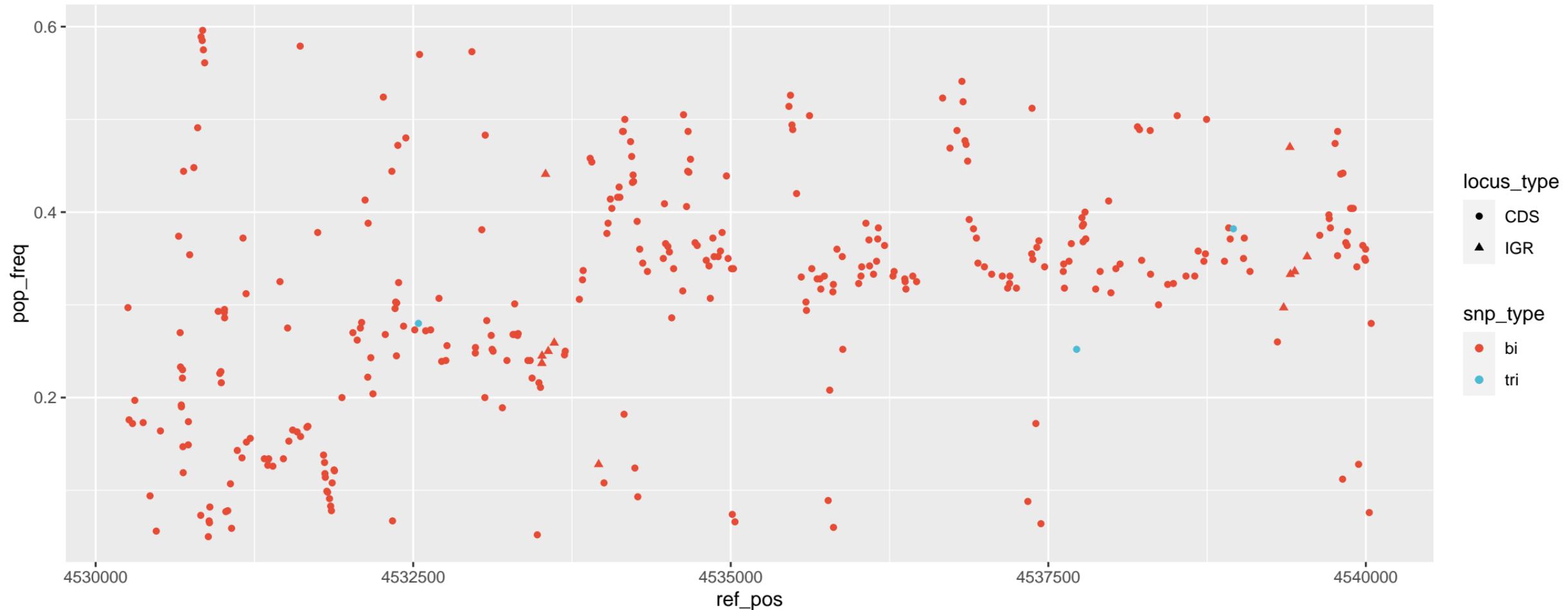
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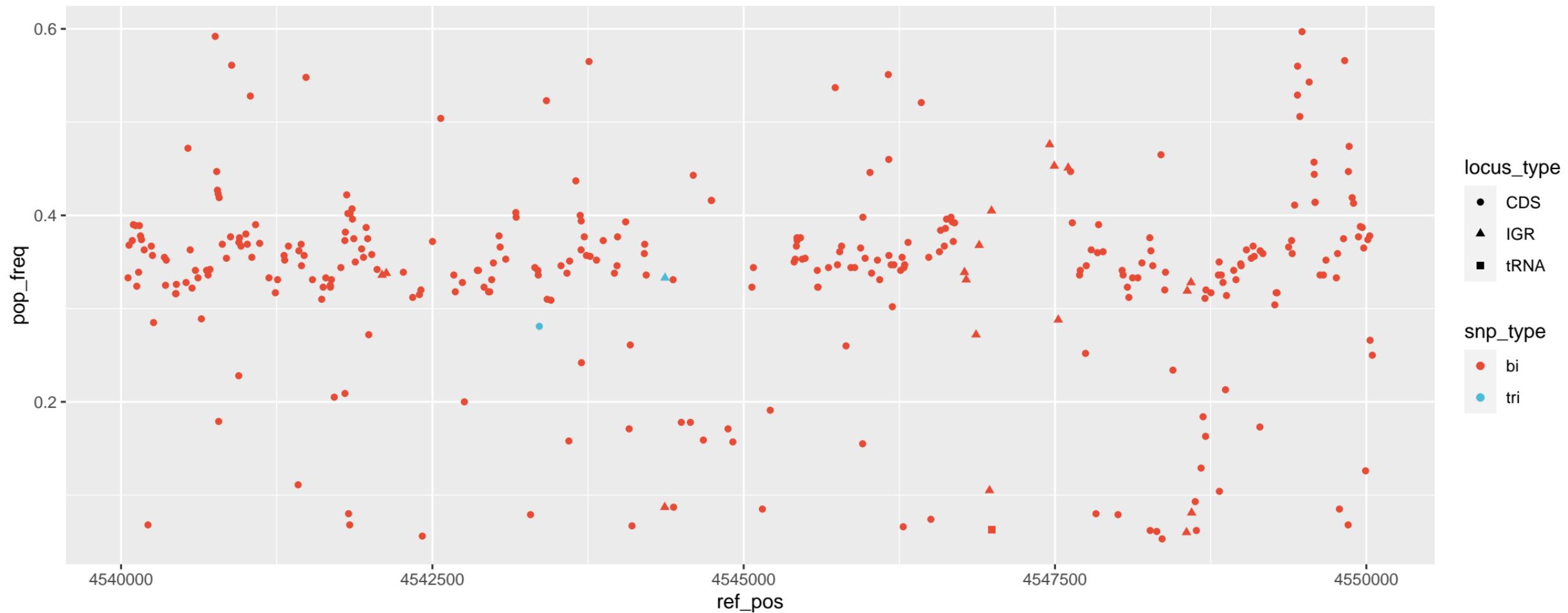
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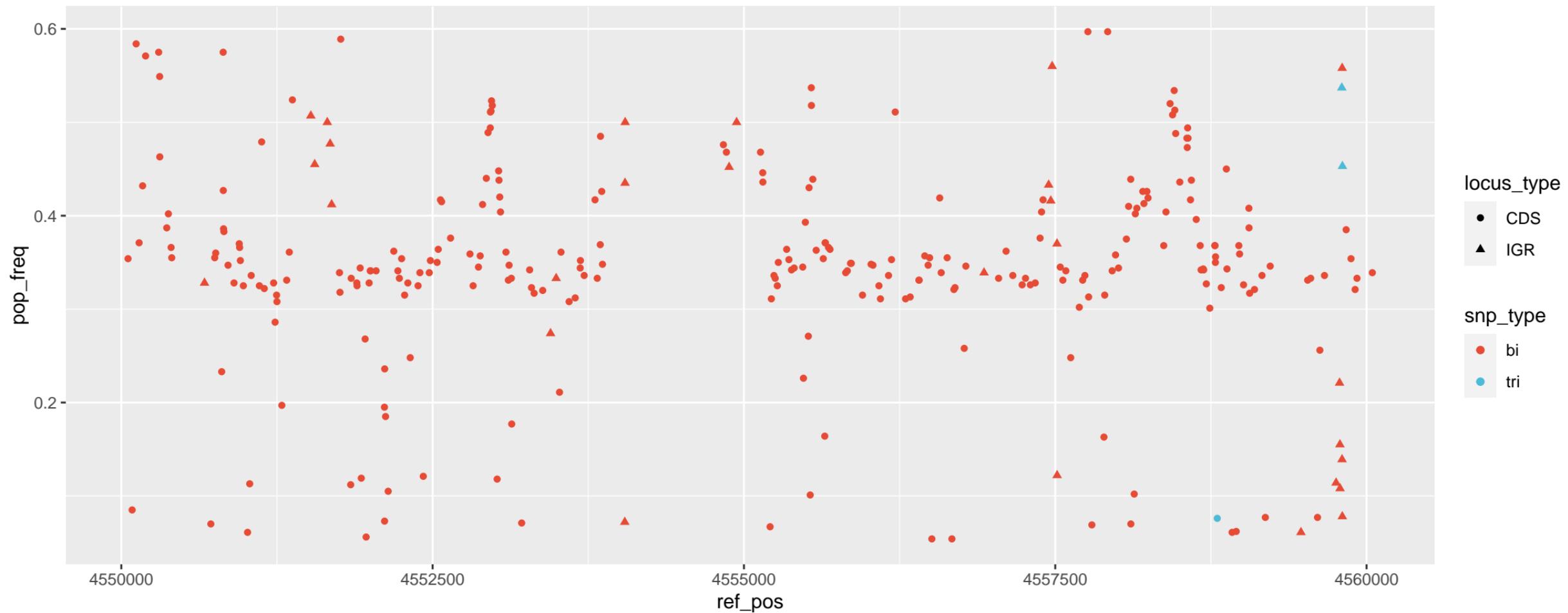
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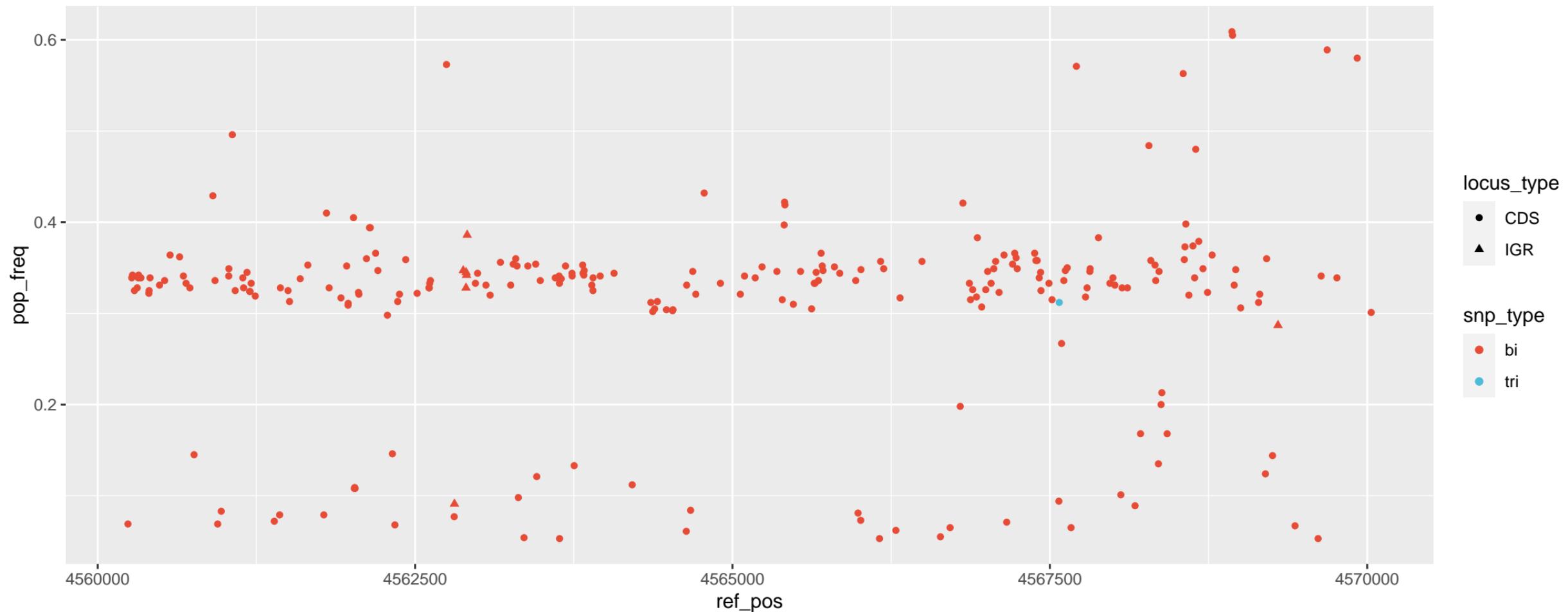
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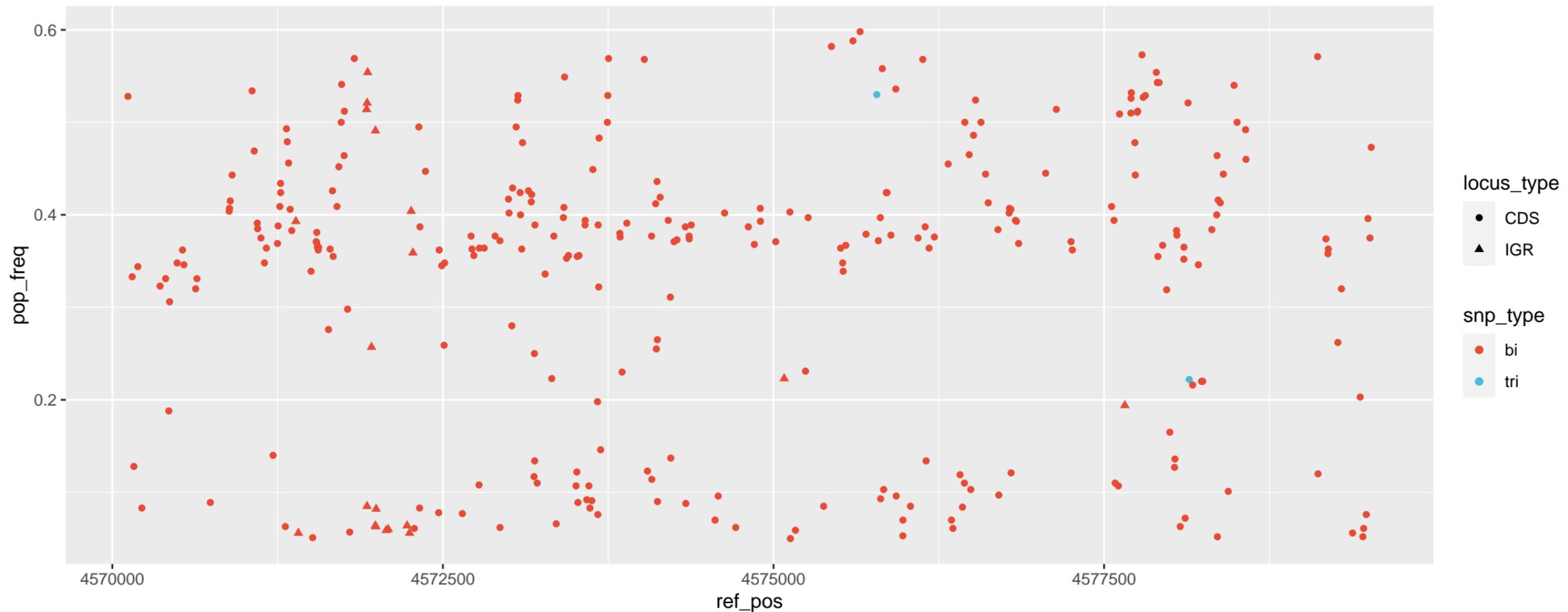
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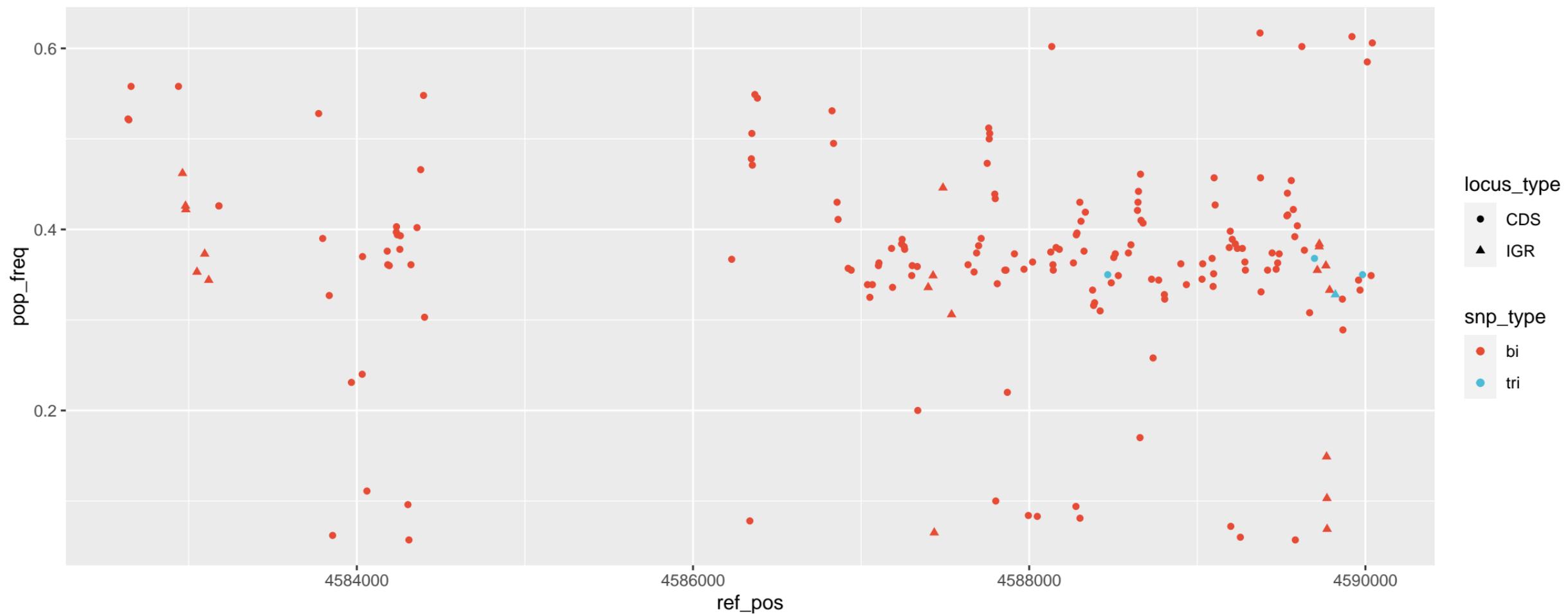
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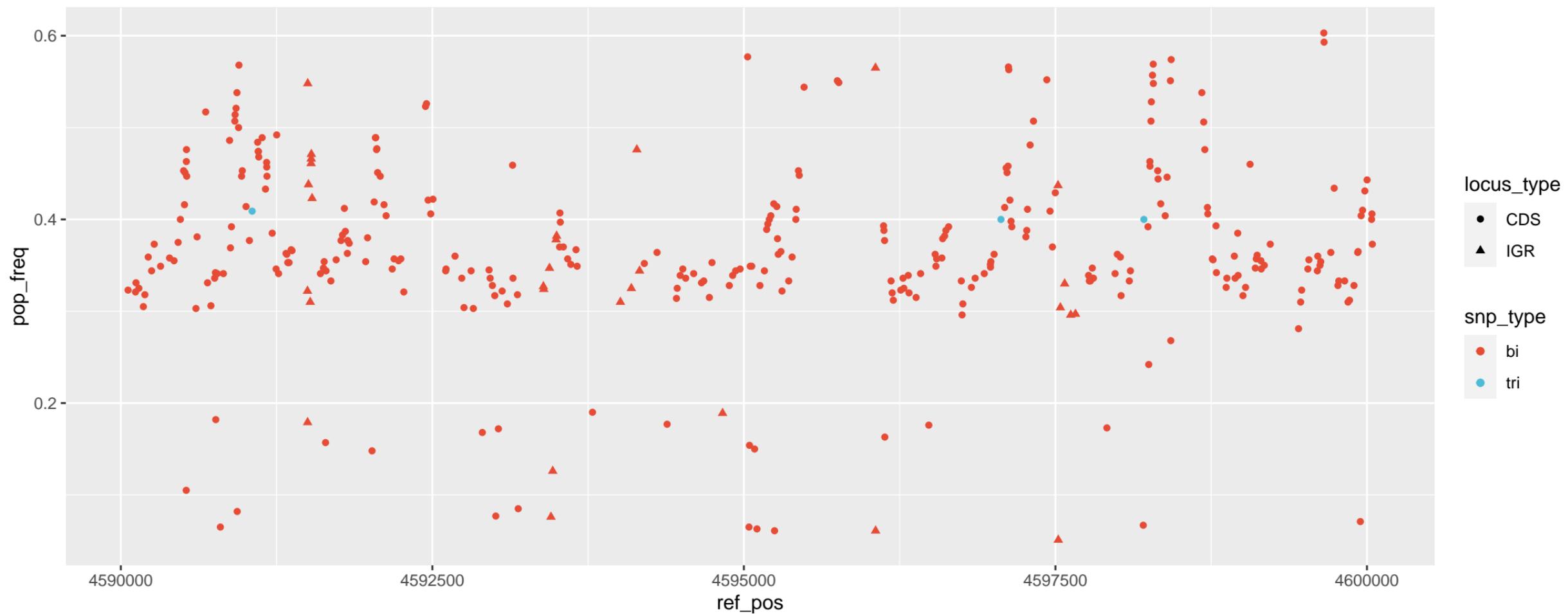
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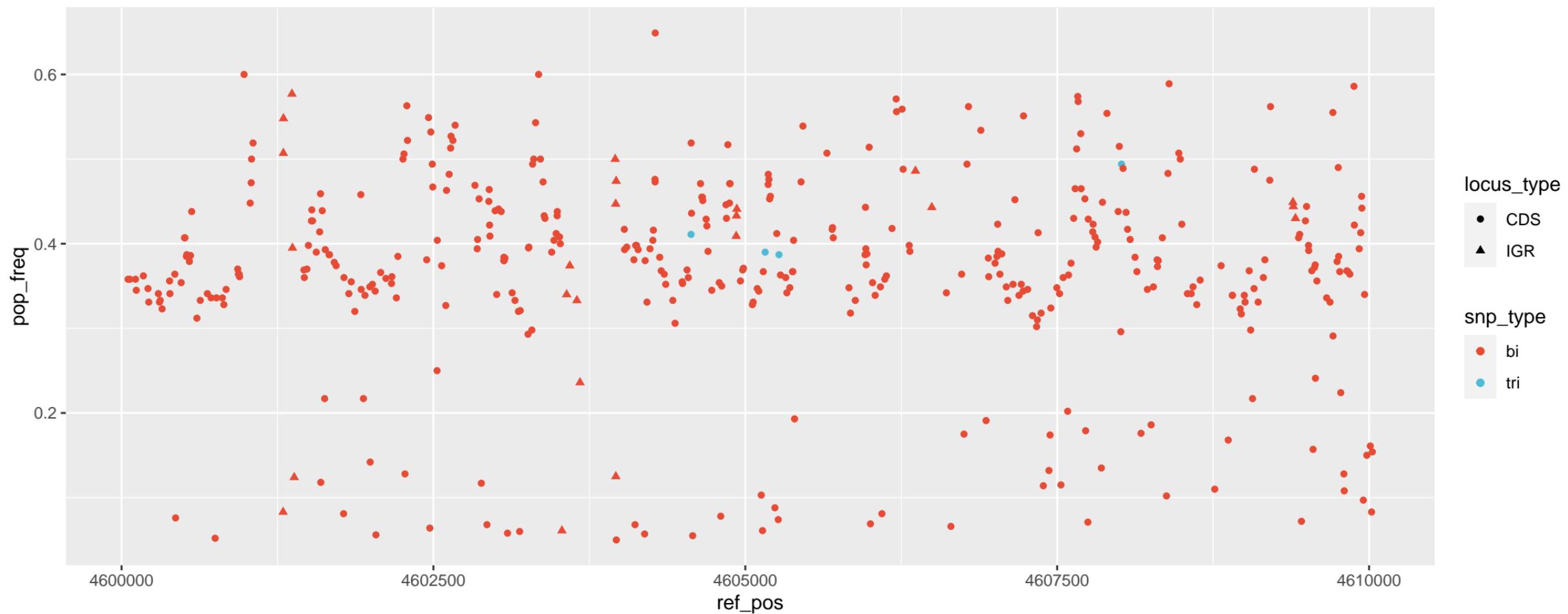
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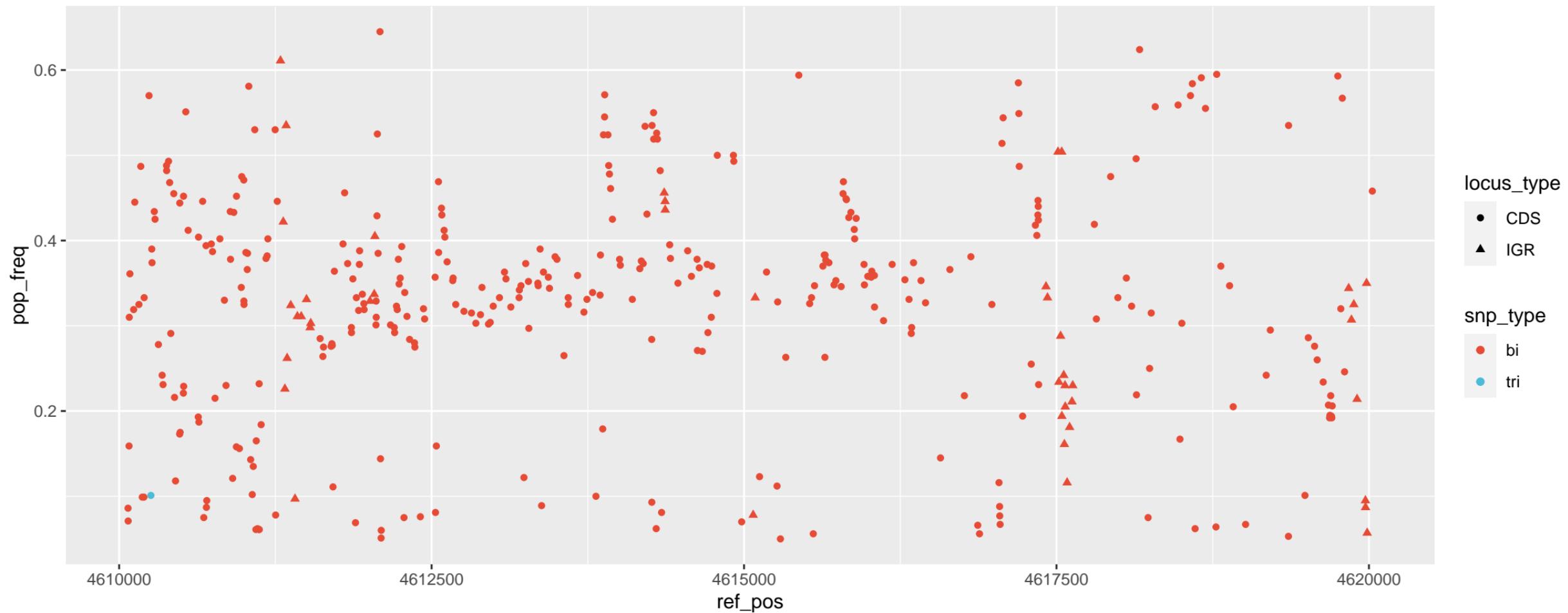
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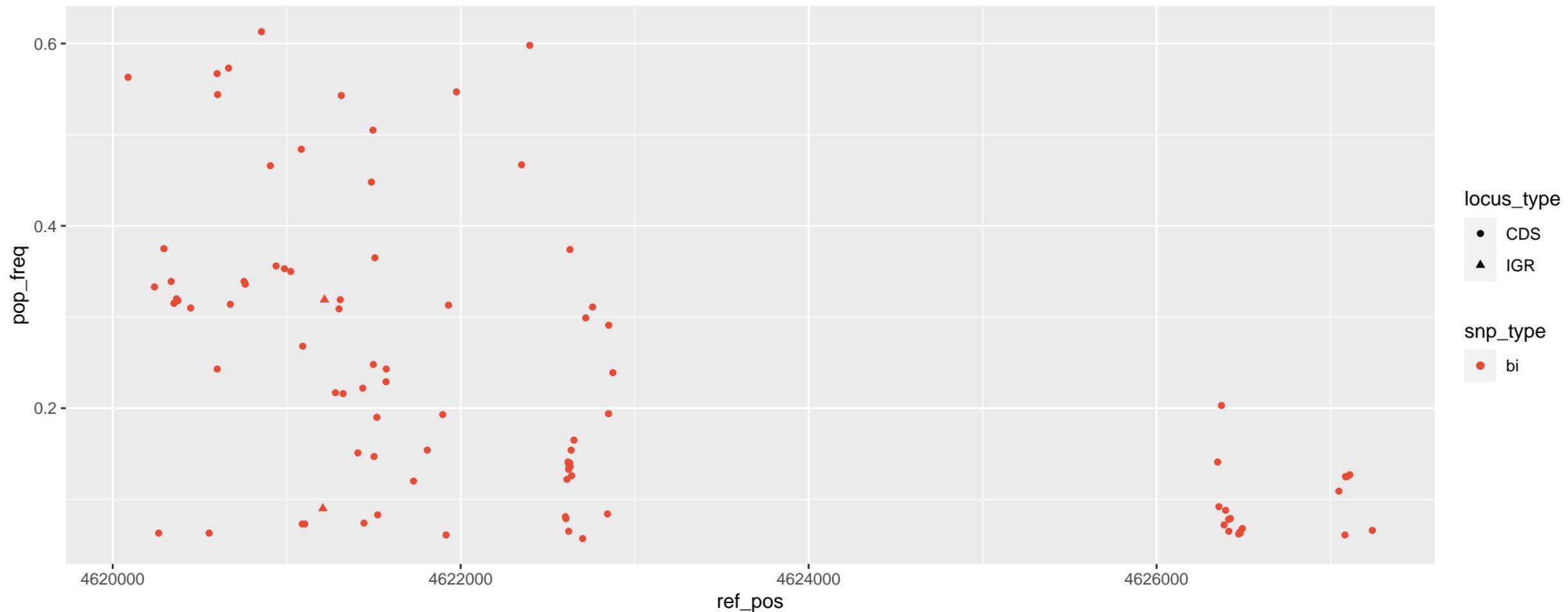
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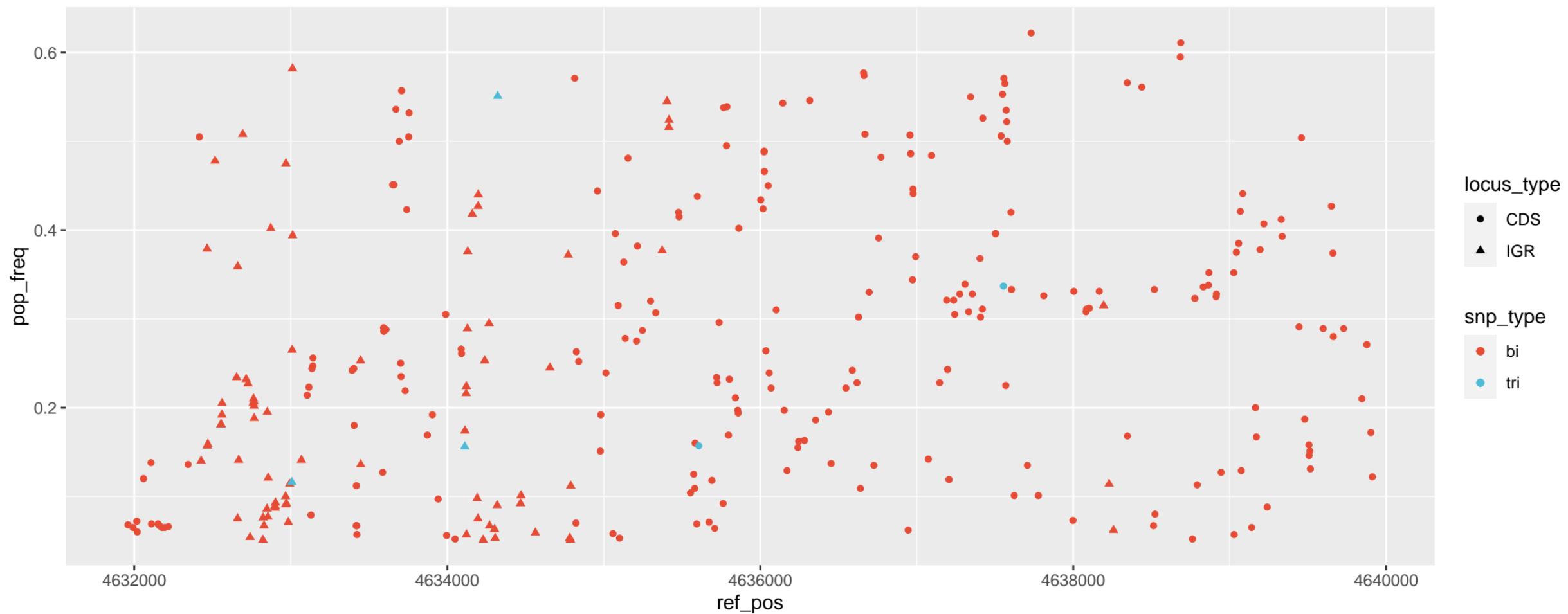
## UHGG143505\_1:4610052–4620052



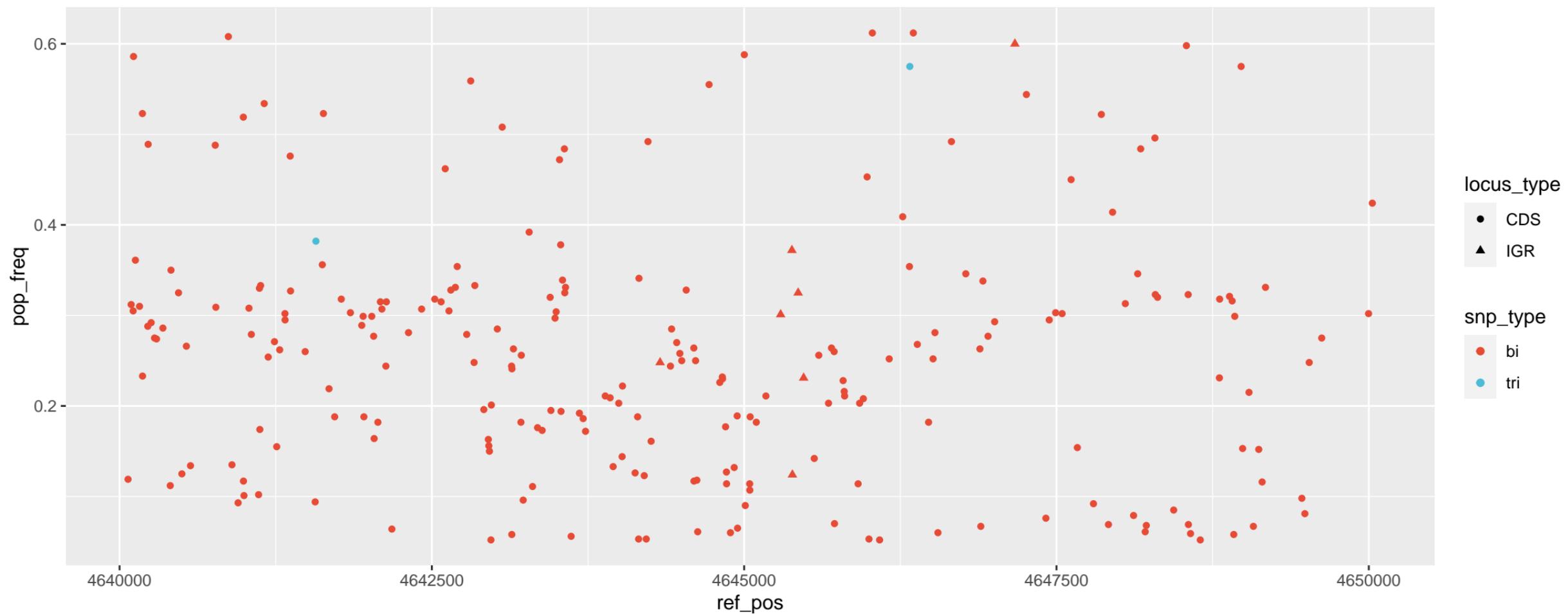
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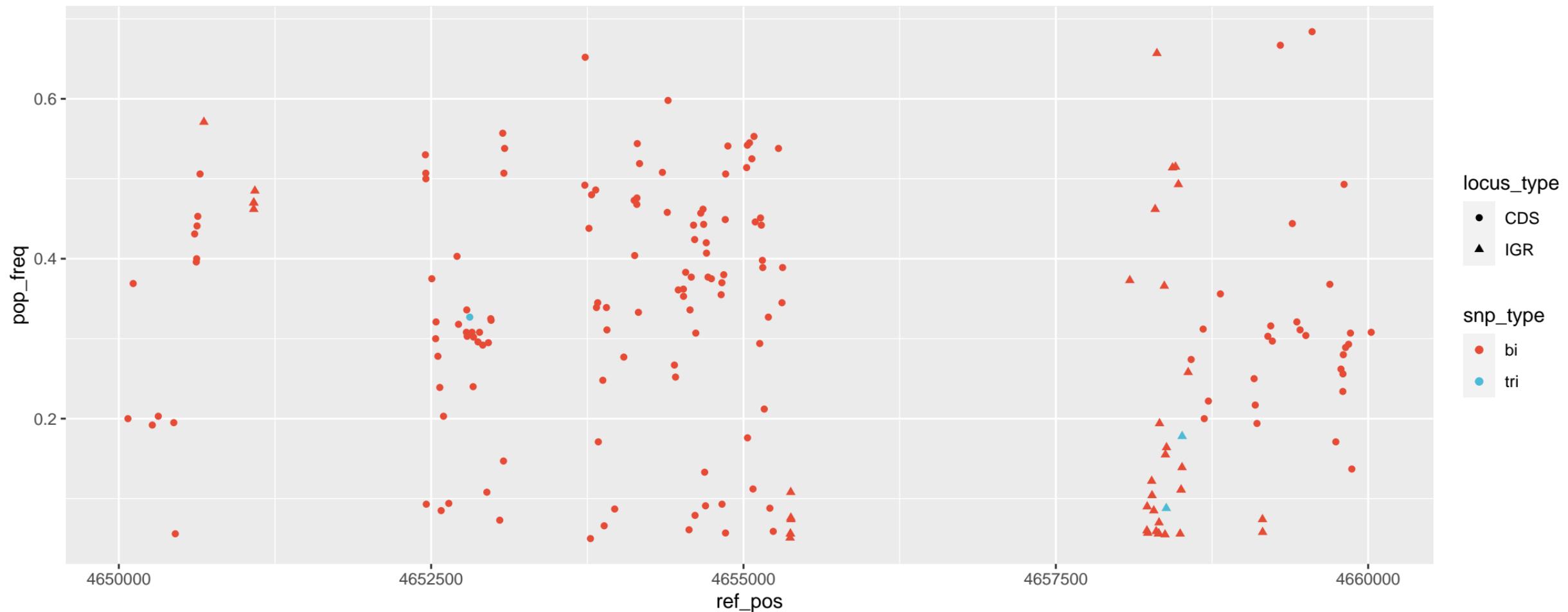
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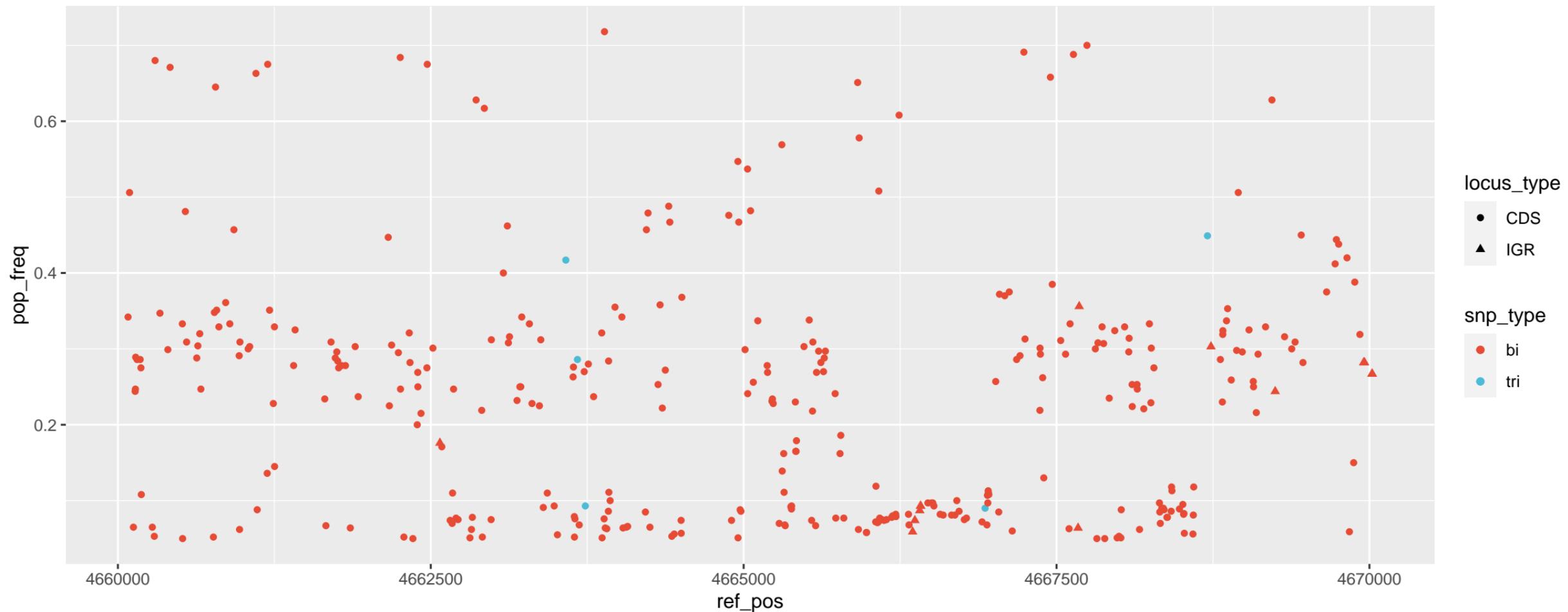
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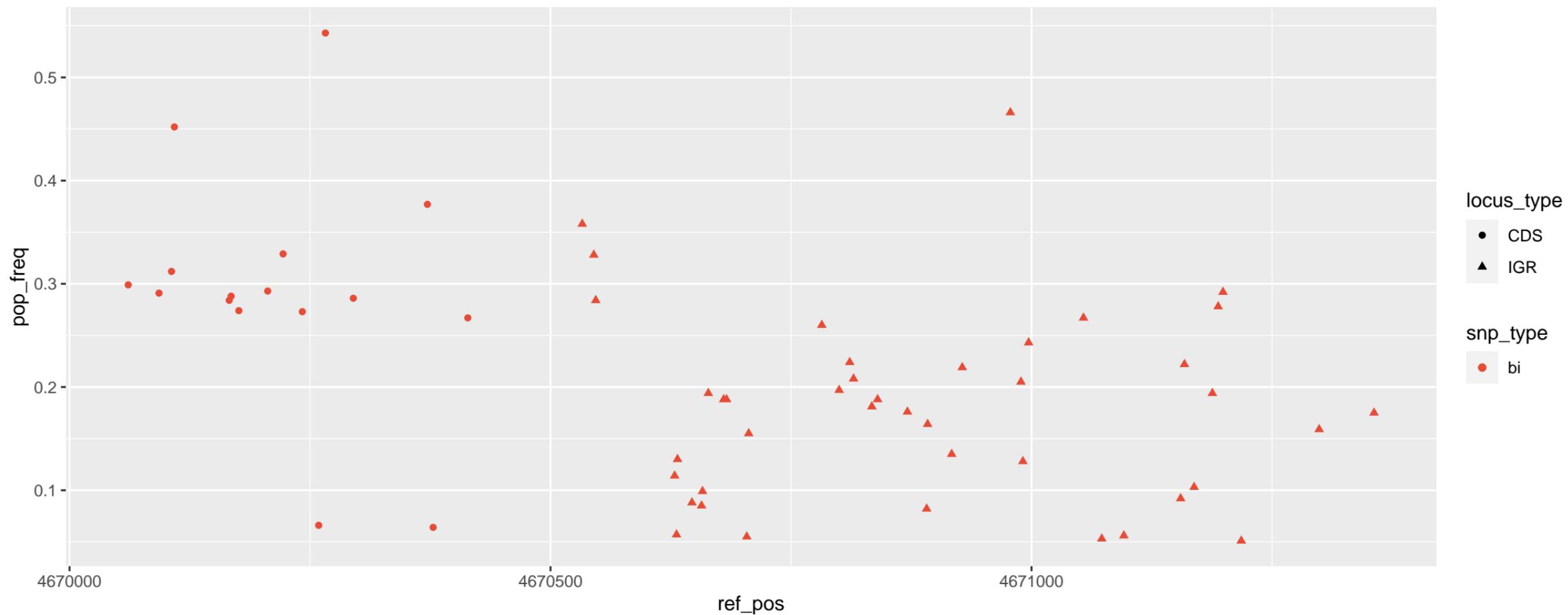
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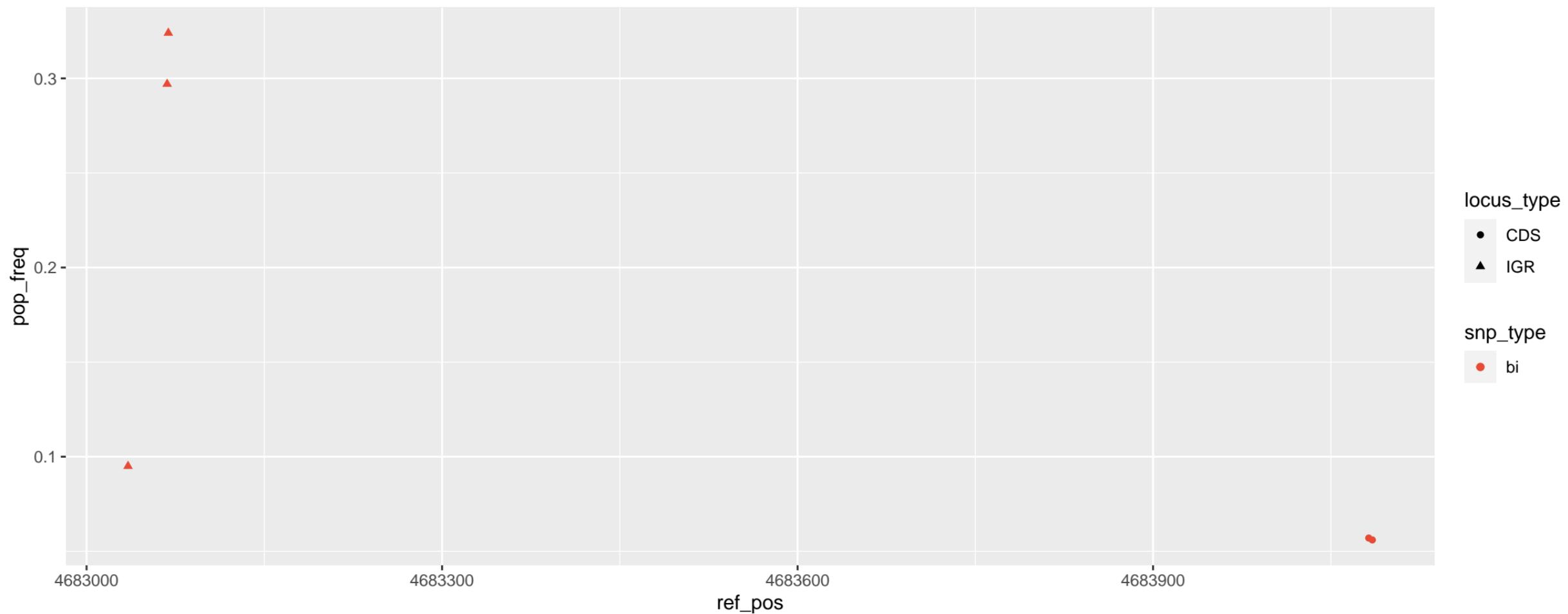
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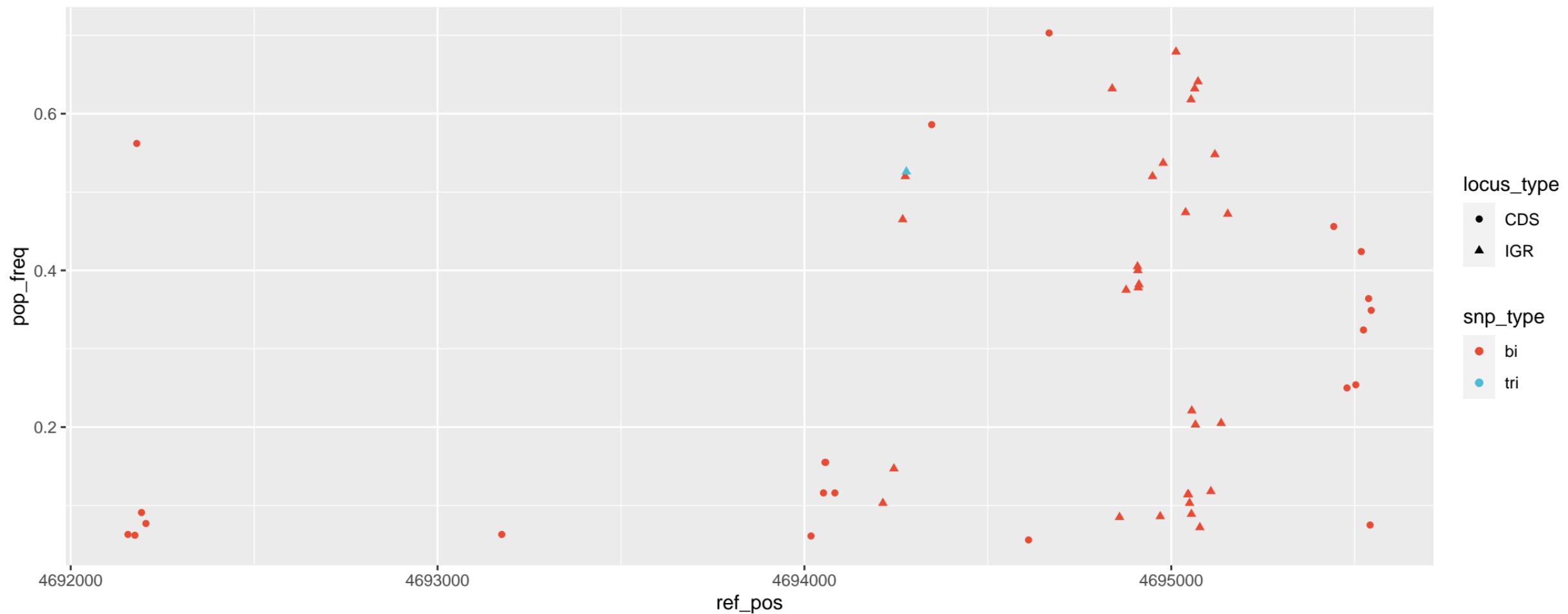
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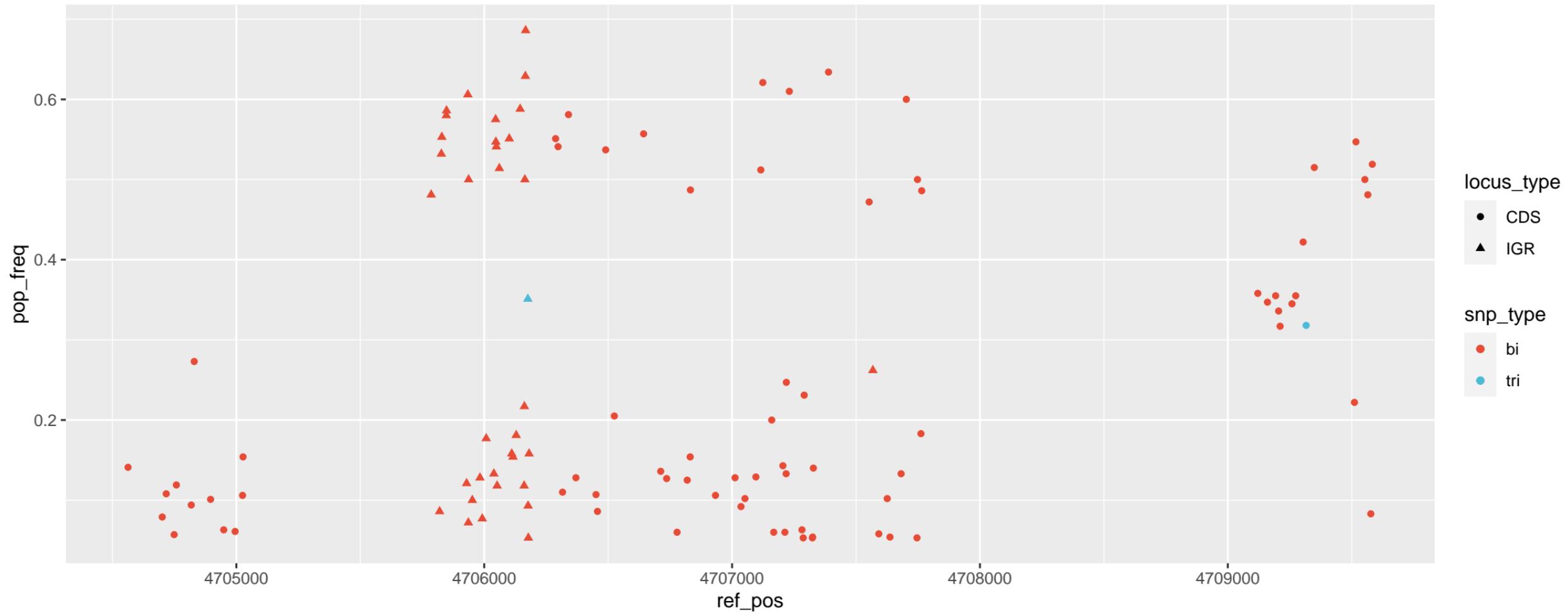
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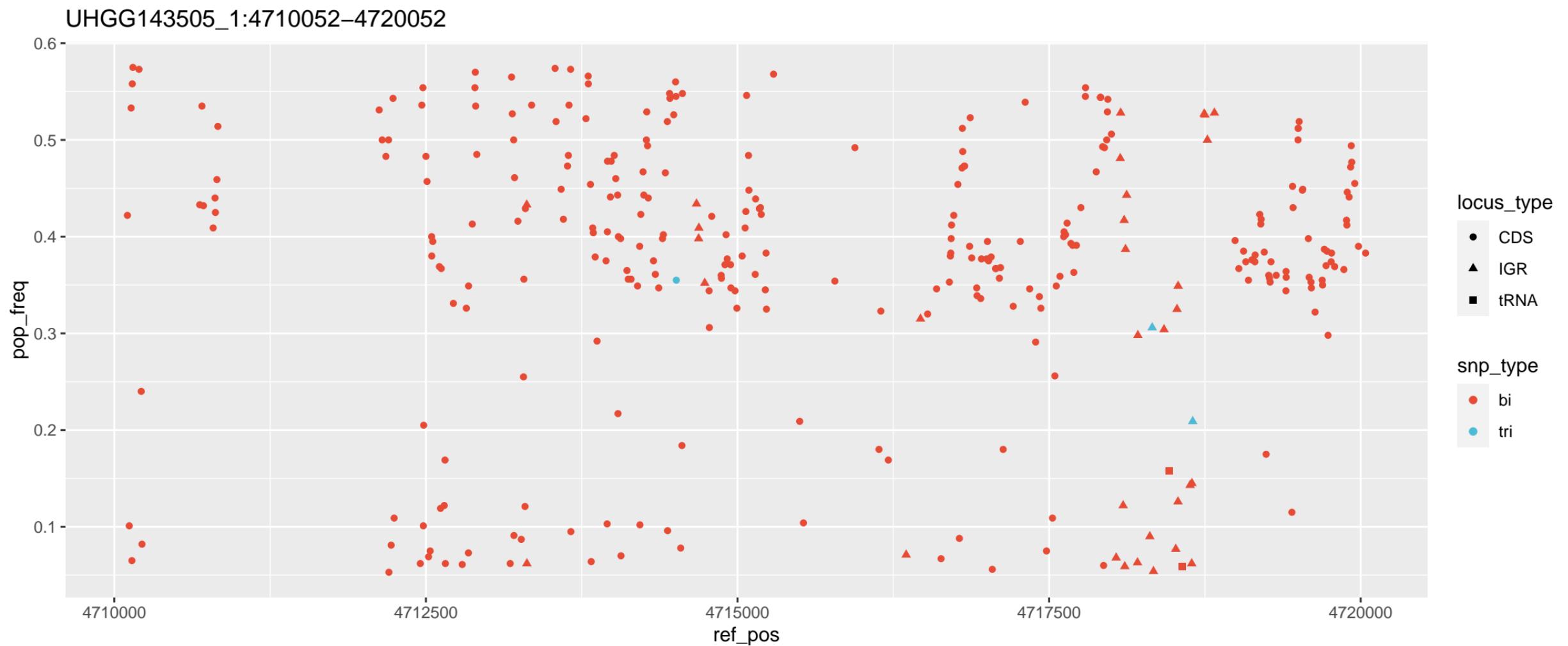


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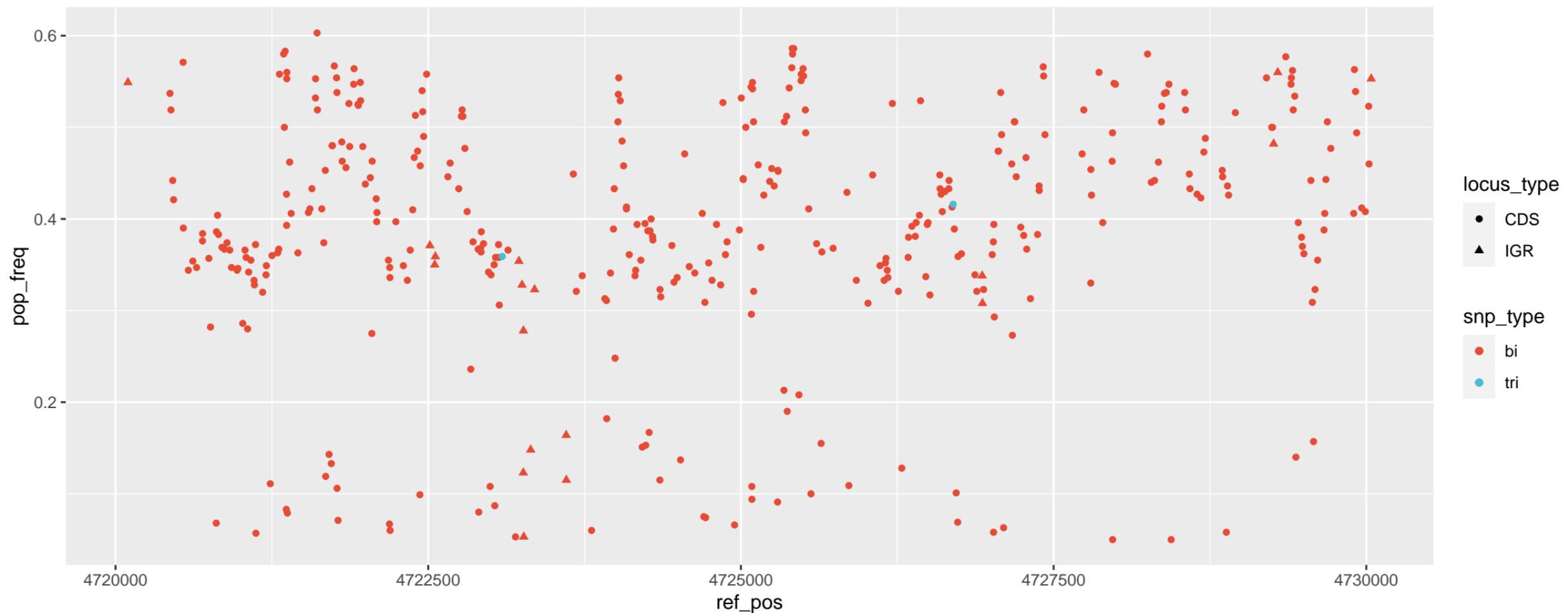


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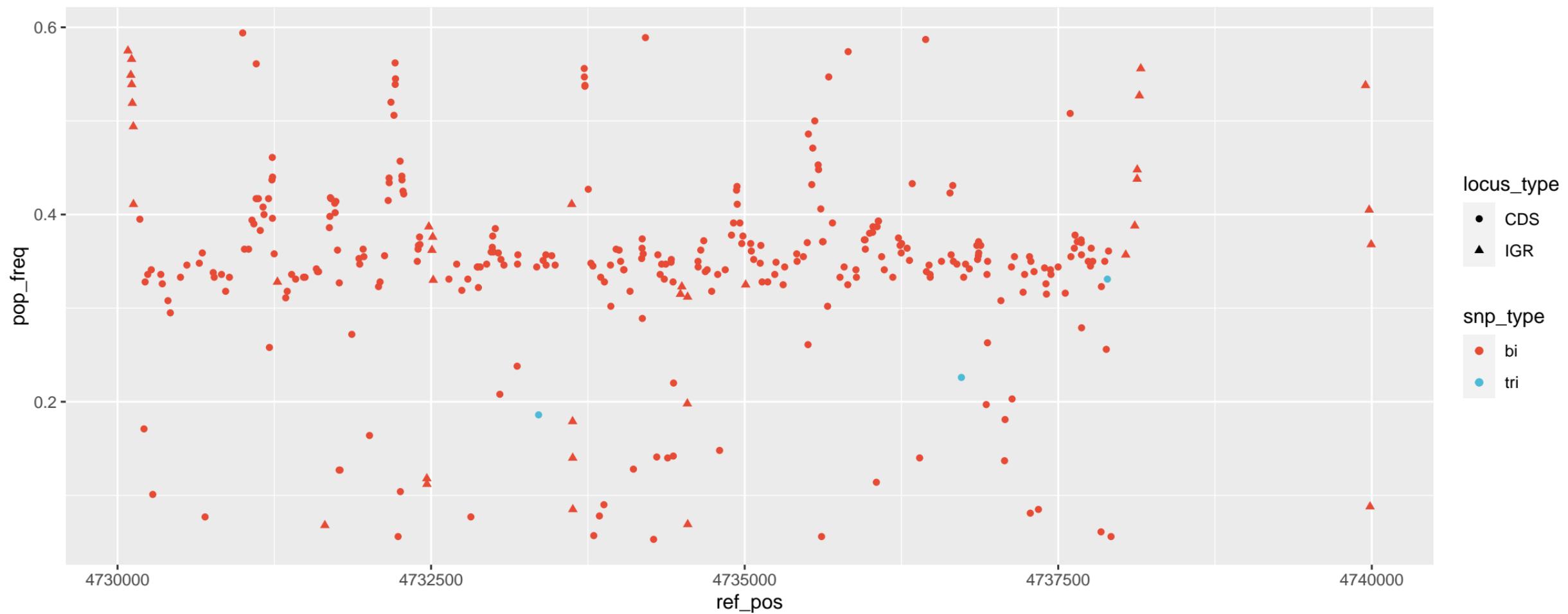


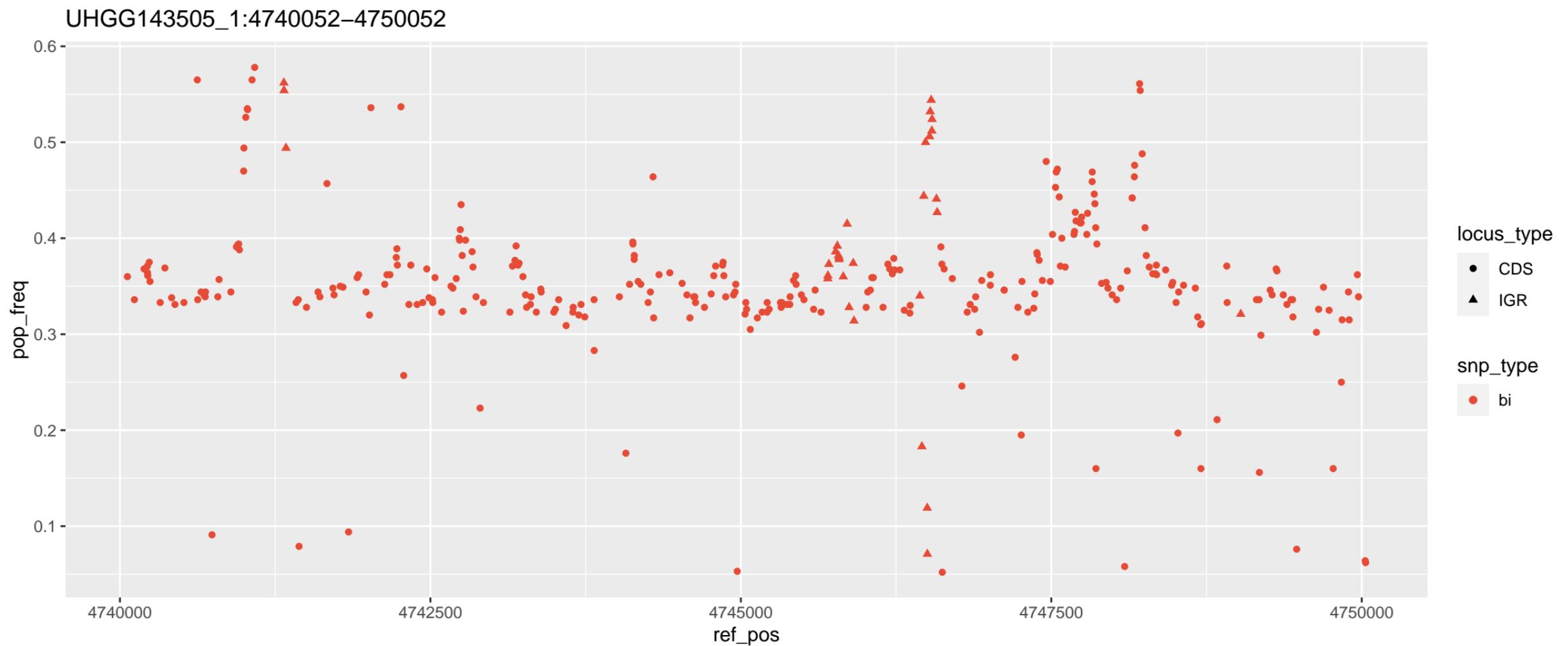


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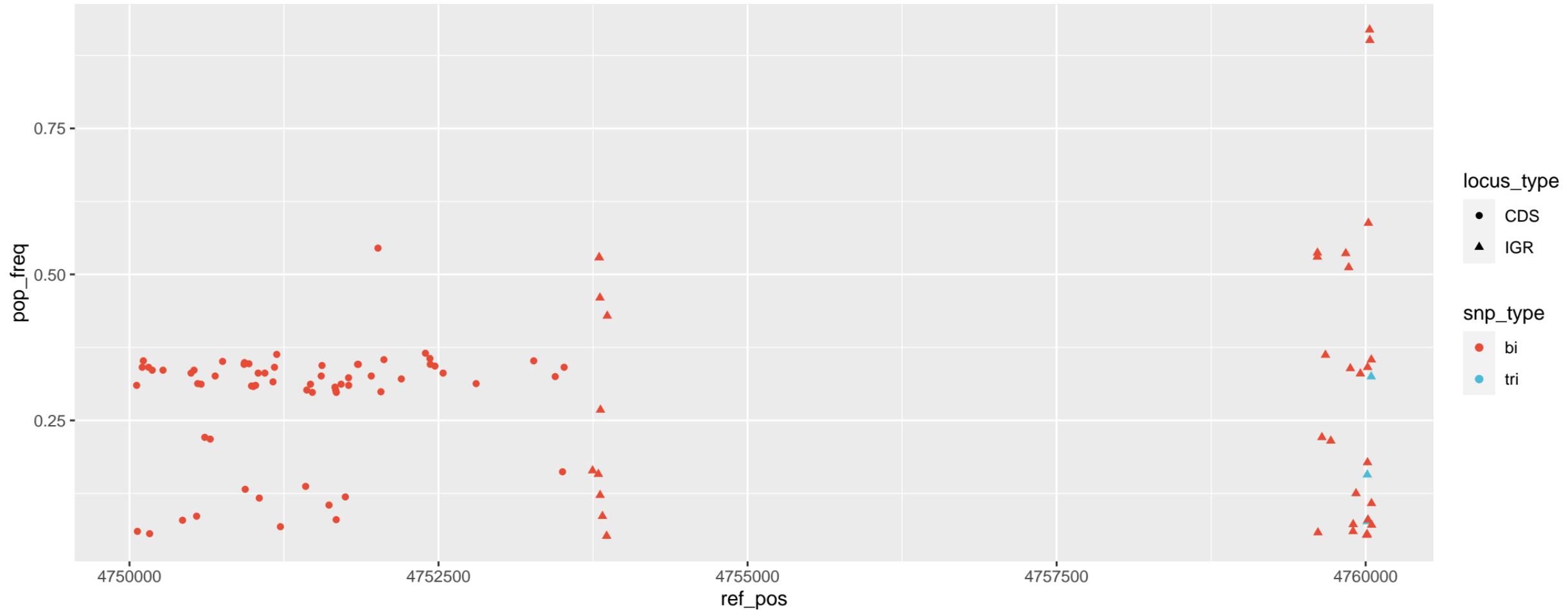


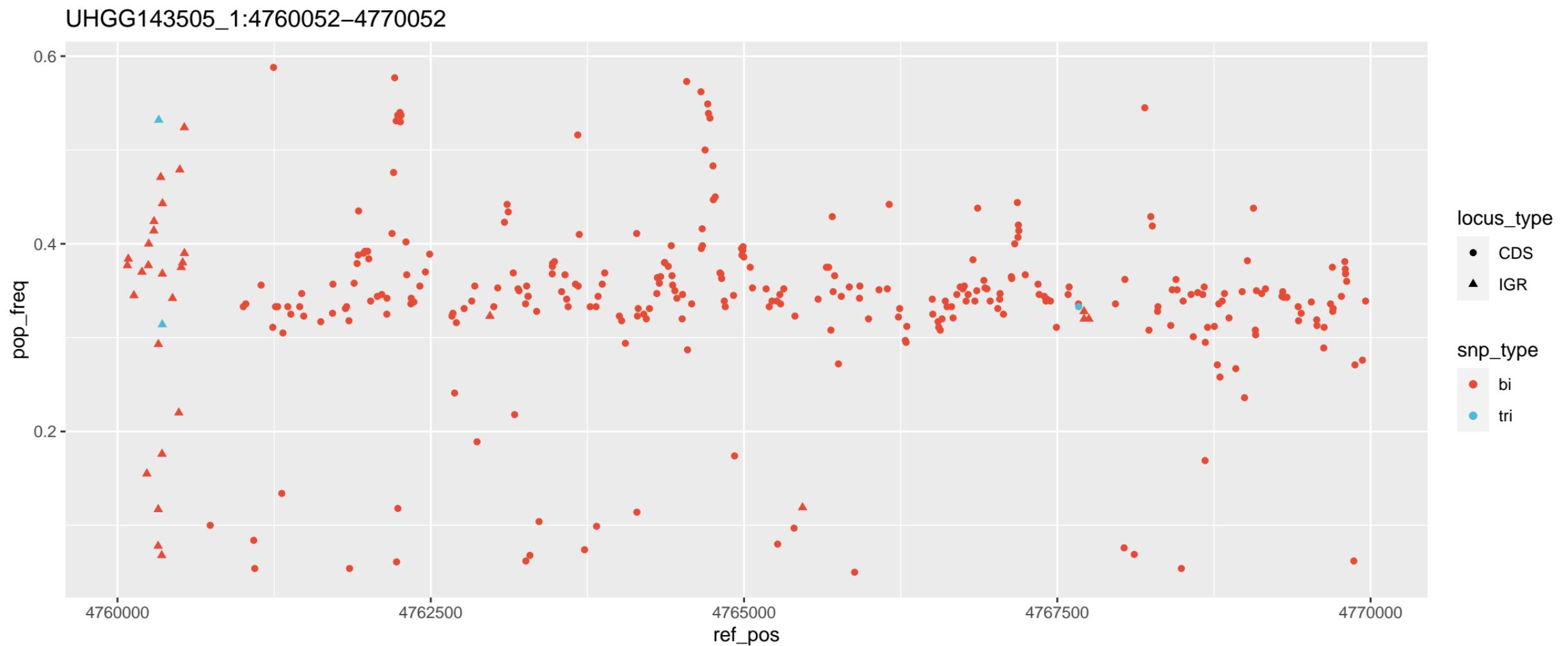
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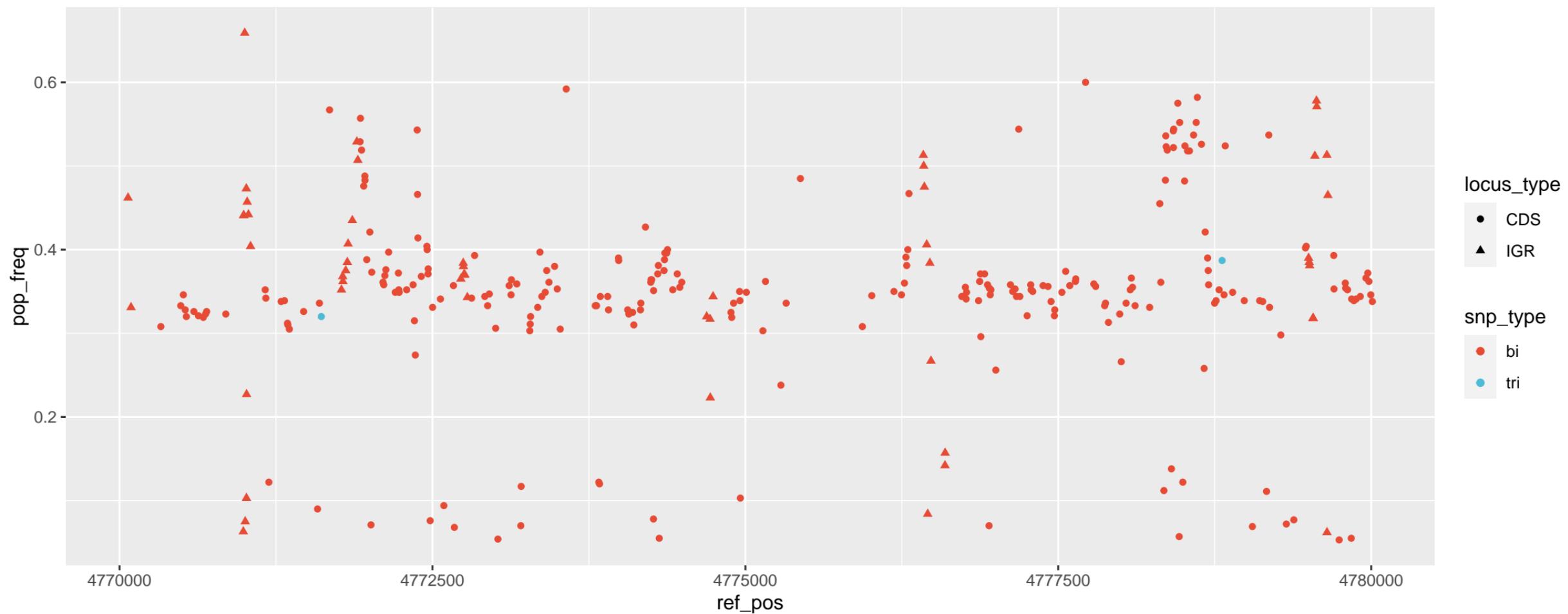


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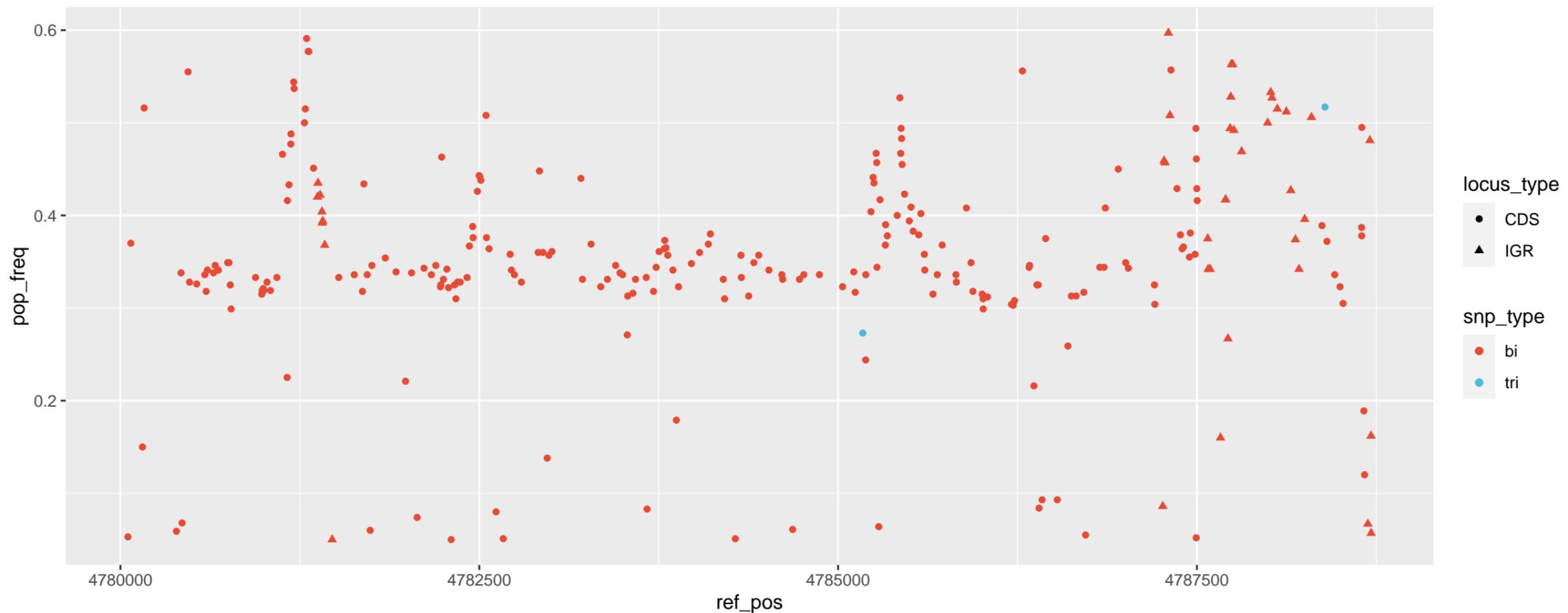




## UHGG143505\_1:4770052–4780052



## UHGG143505\_1:4780052–4790052



UHGG143505\_1:4790052–4800052

pop\_freq

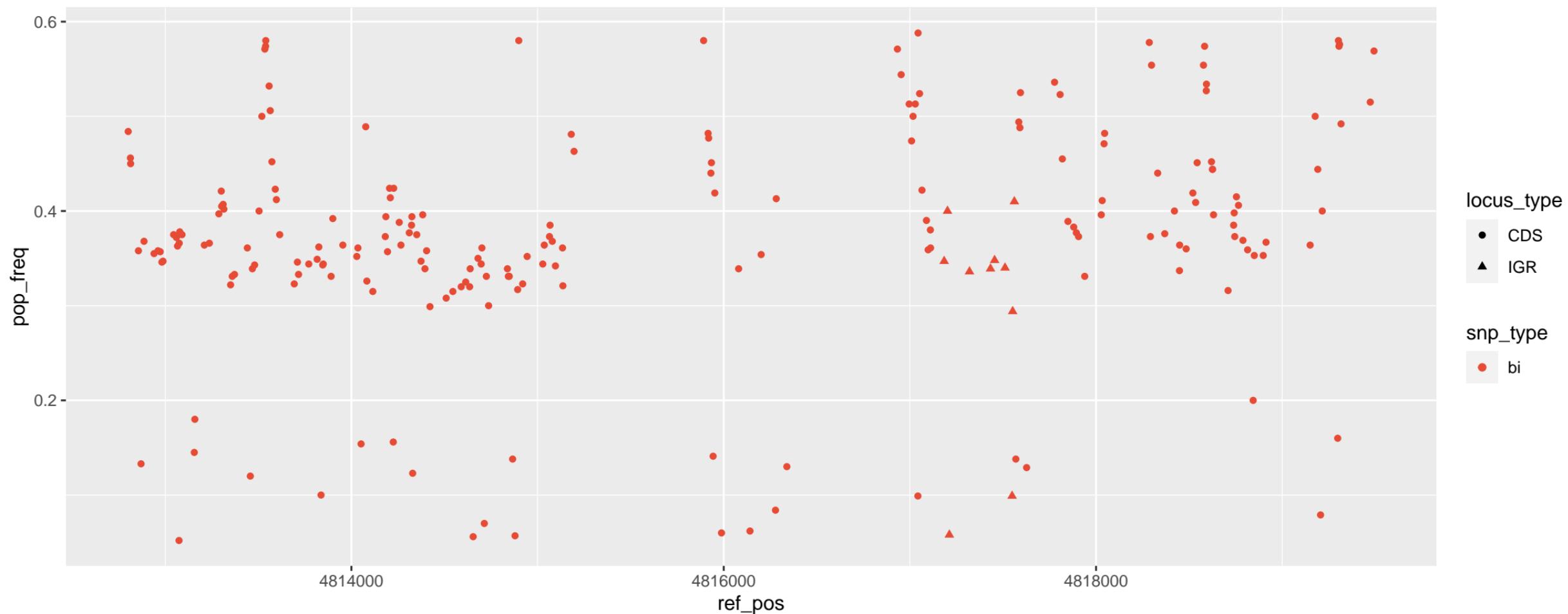
ref\_pos

UHGG143505\_1:4800052–4810052

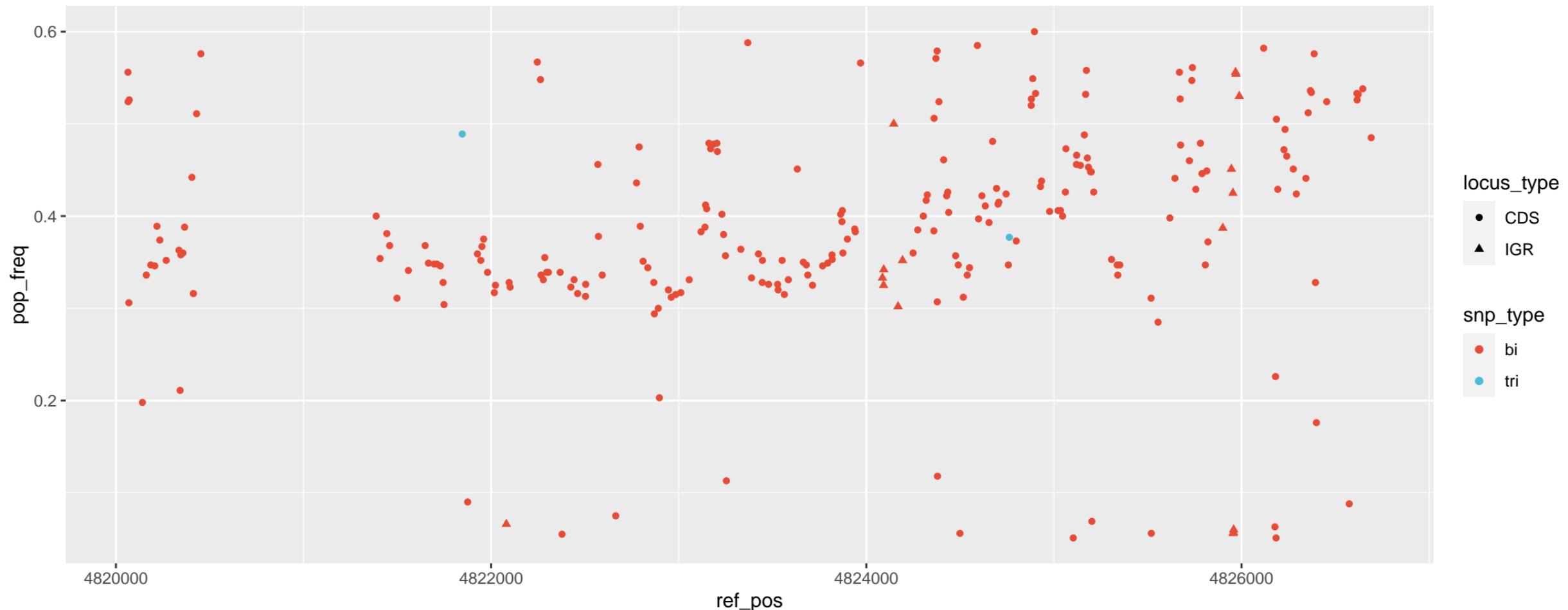
pop\_freq

ref\_pos

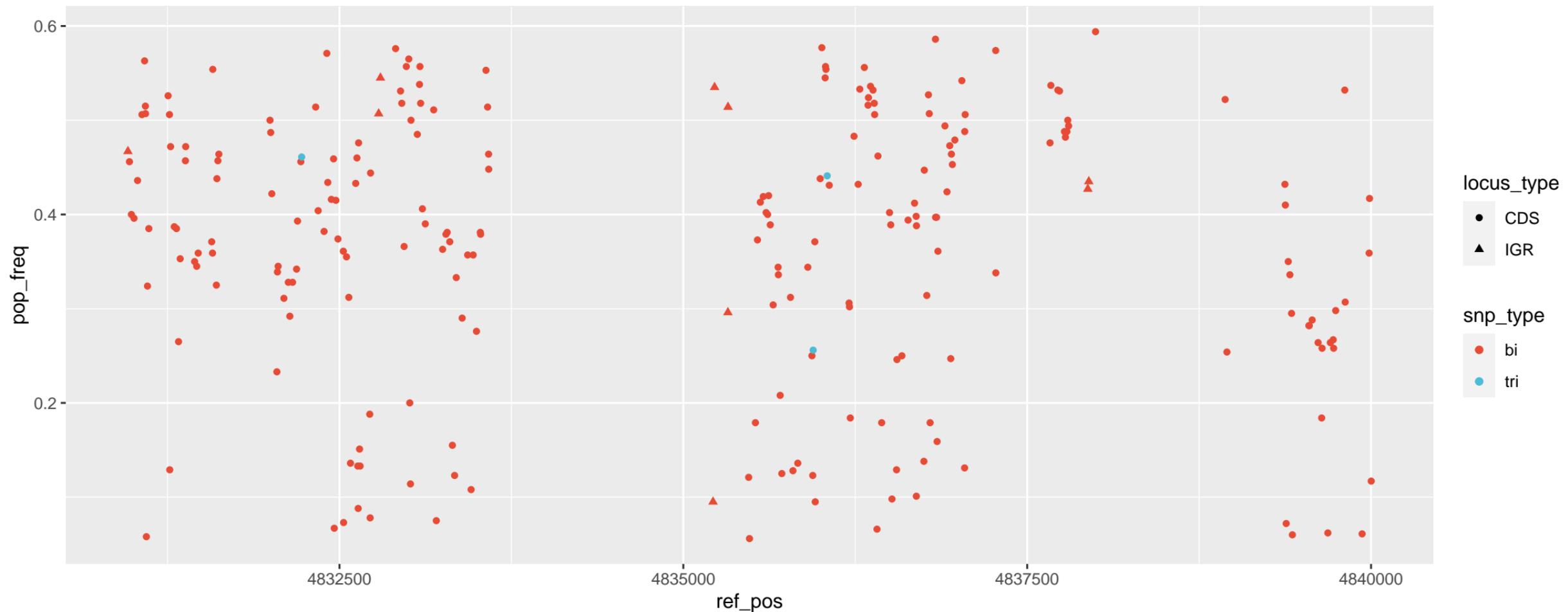
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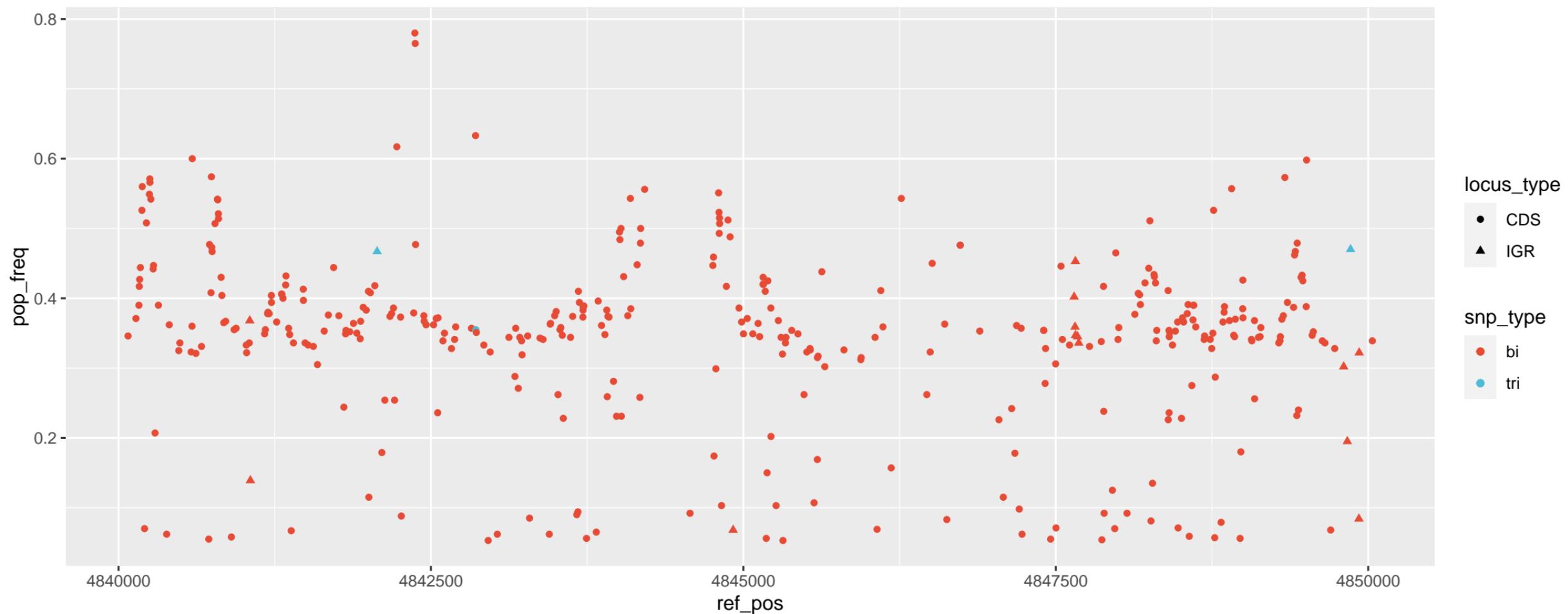
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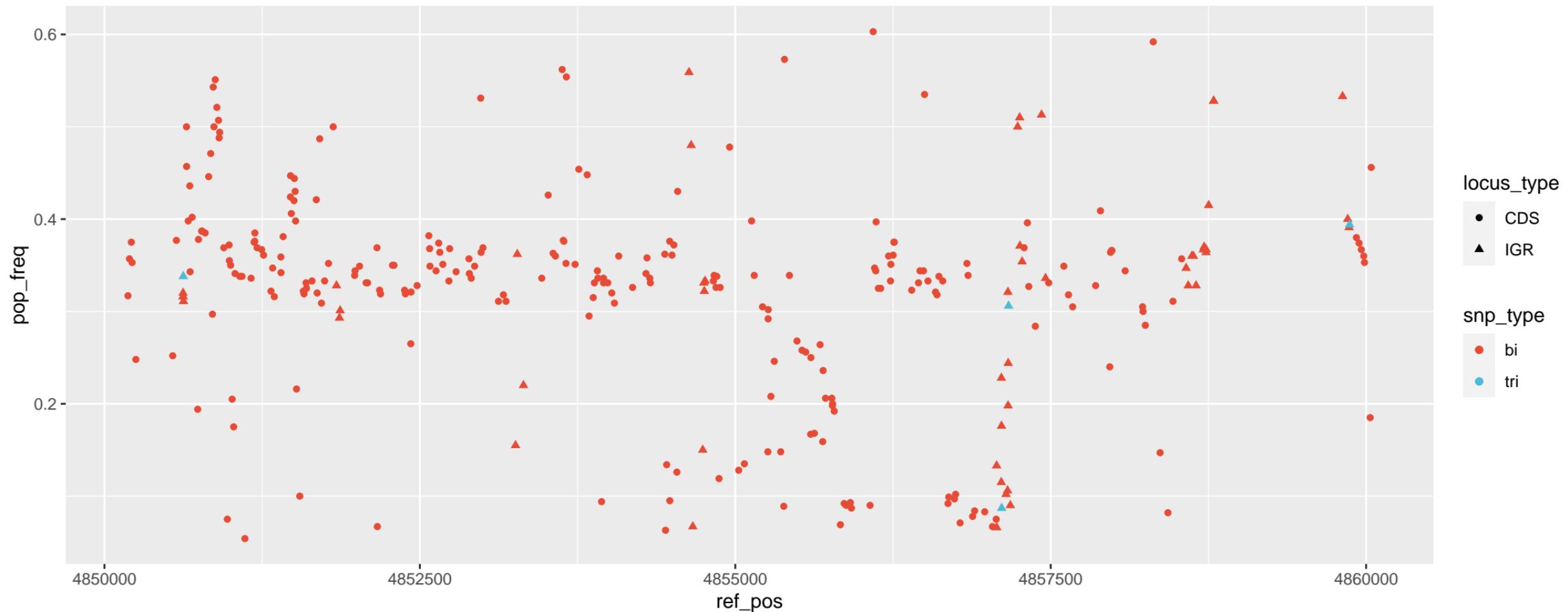
## UHGG143505\_1:4830052–4840052



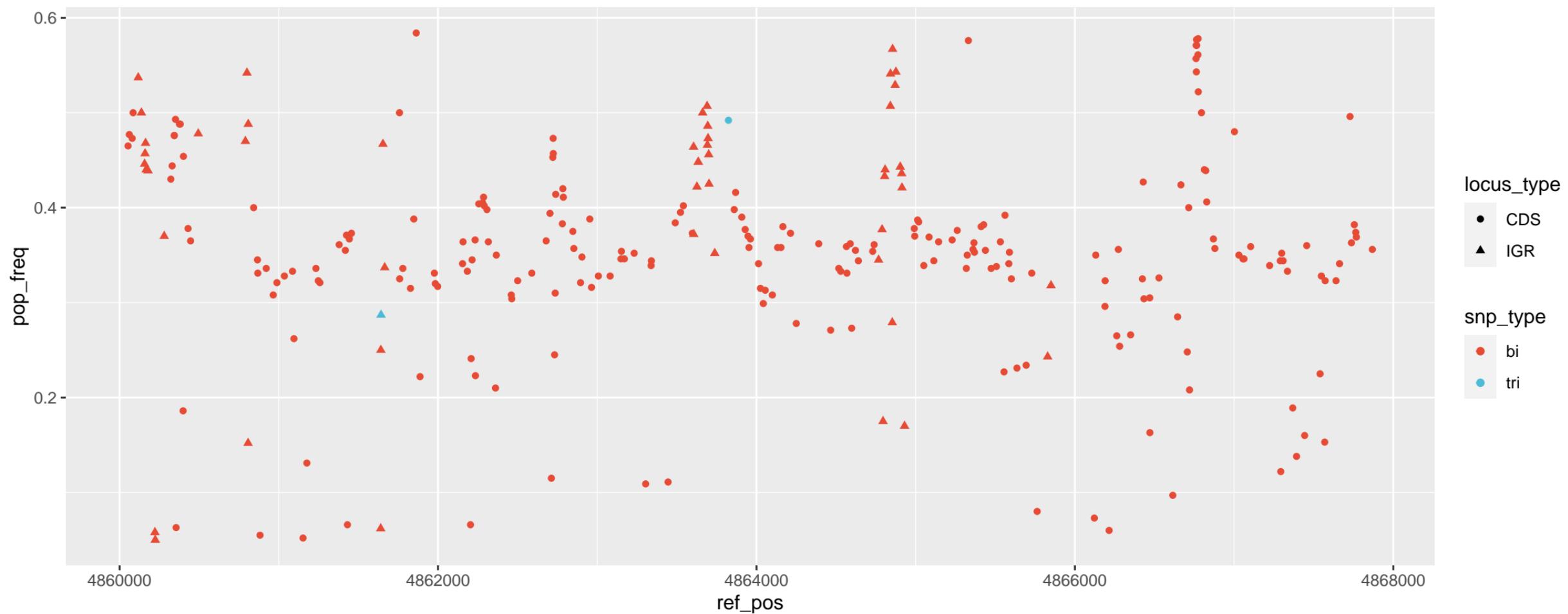
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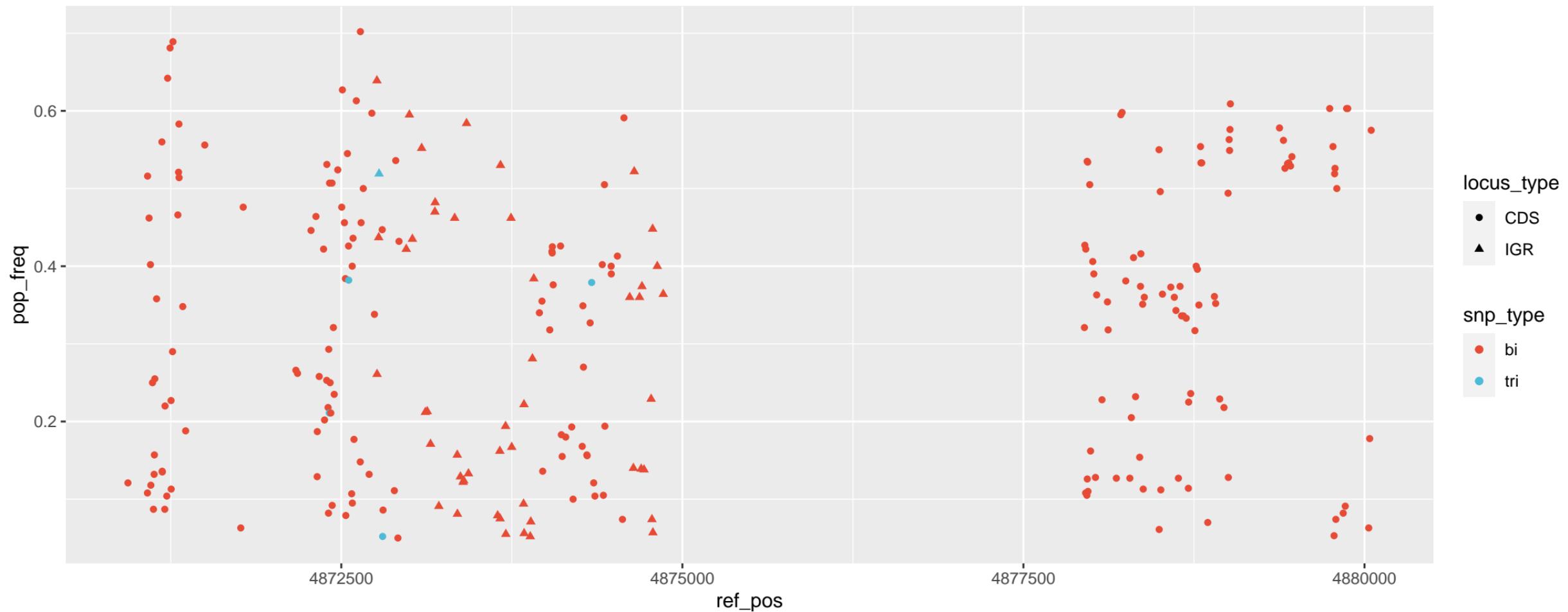
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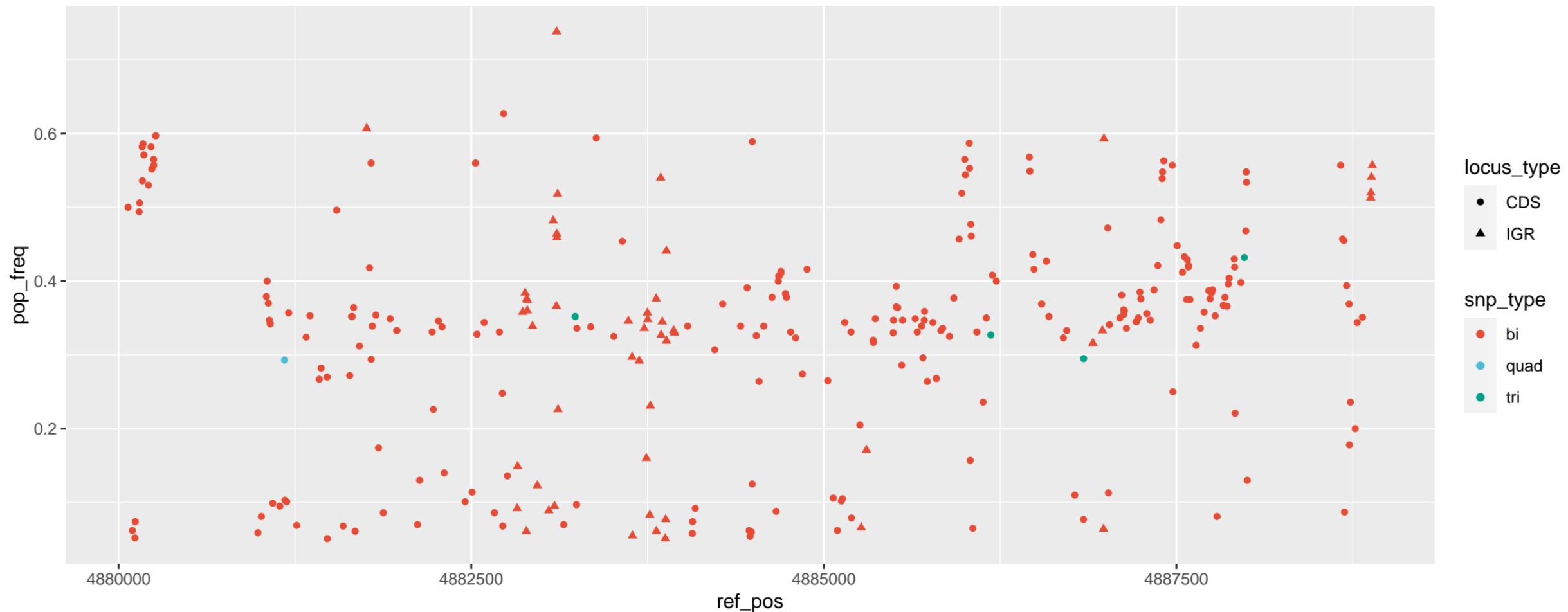
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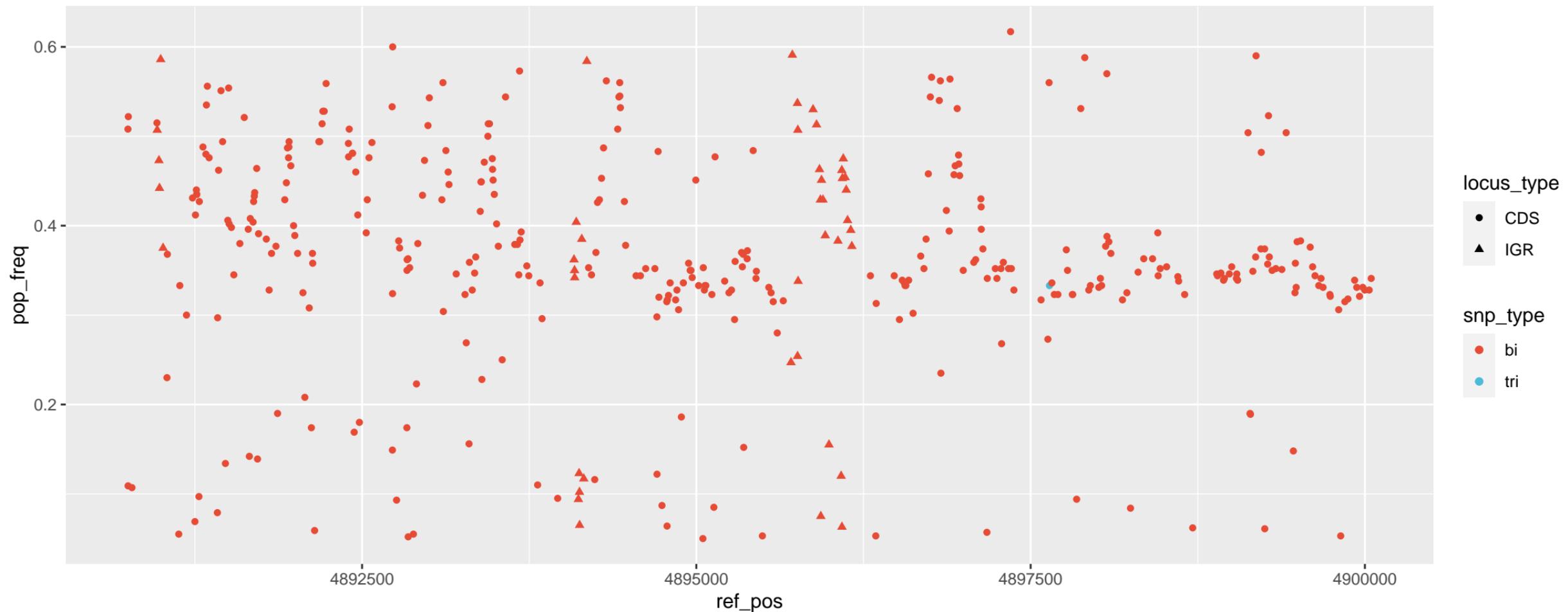
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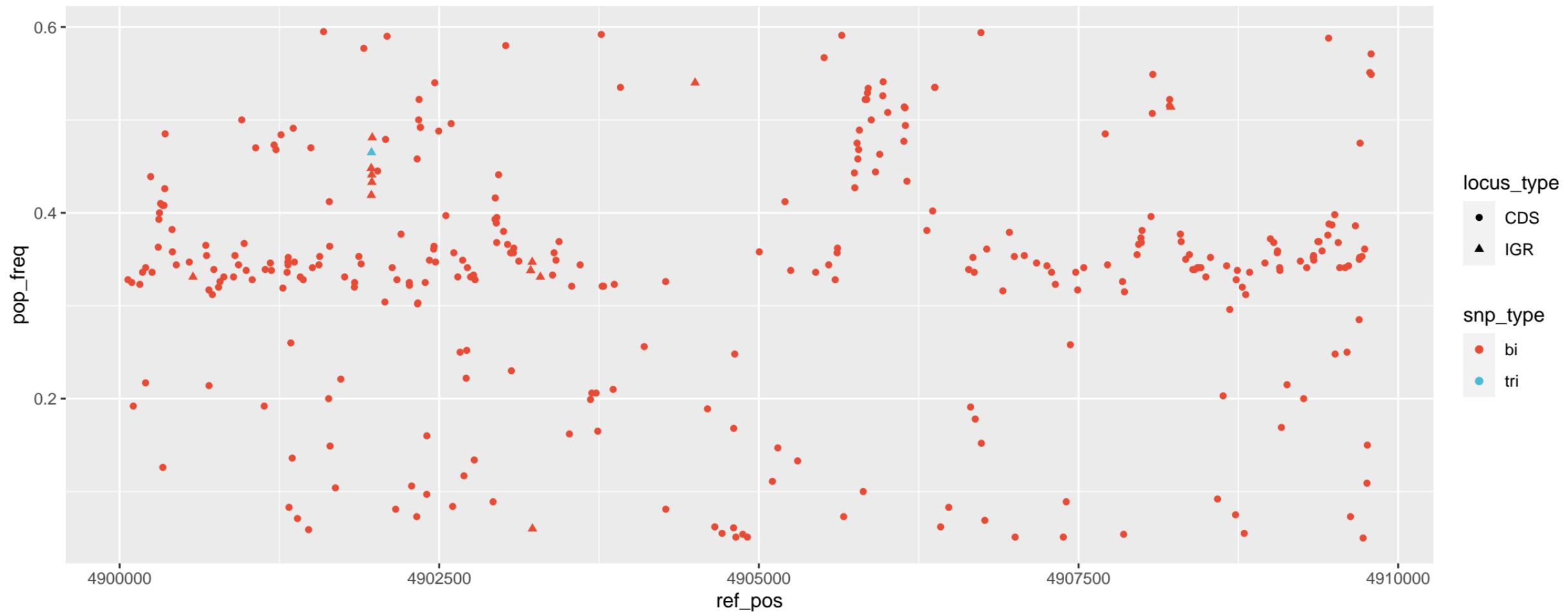
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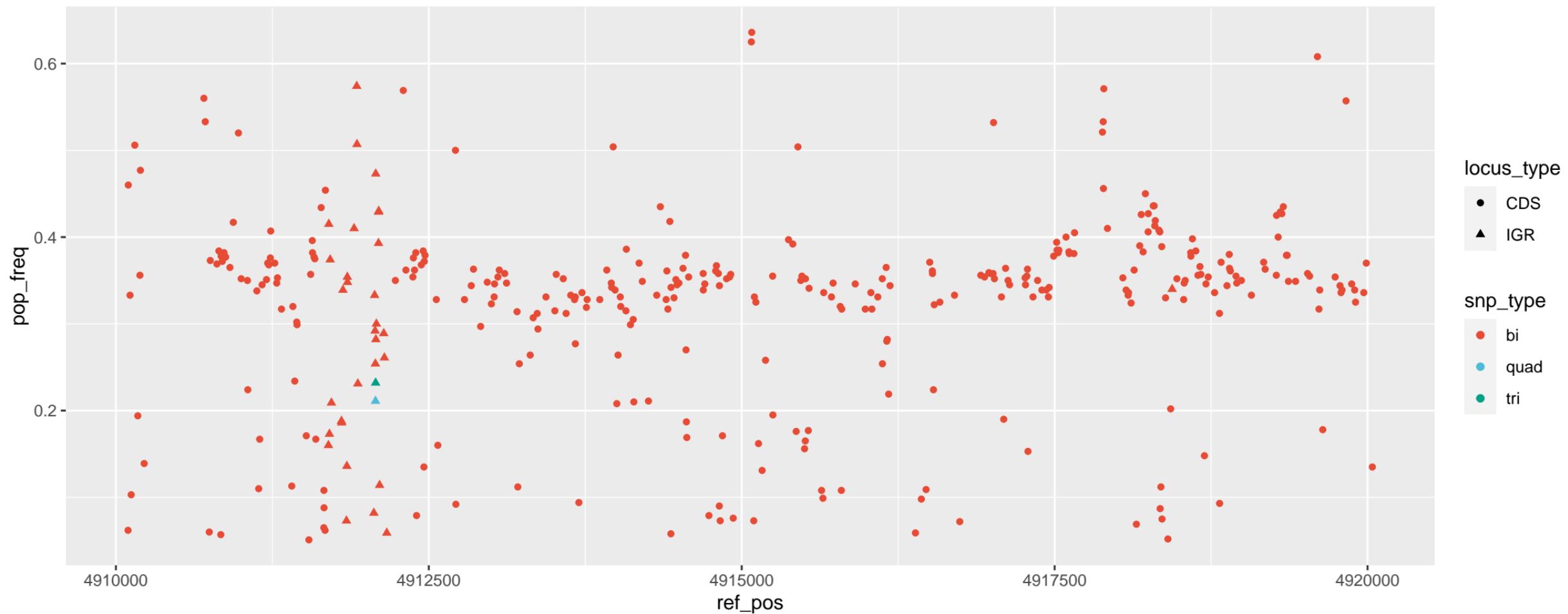
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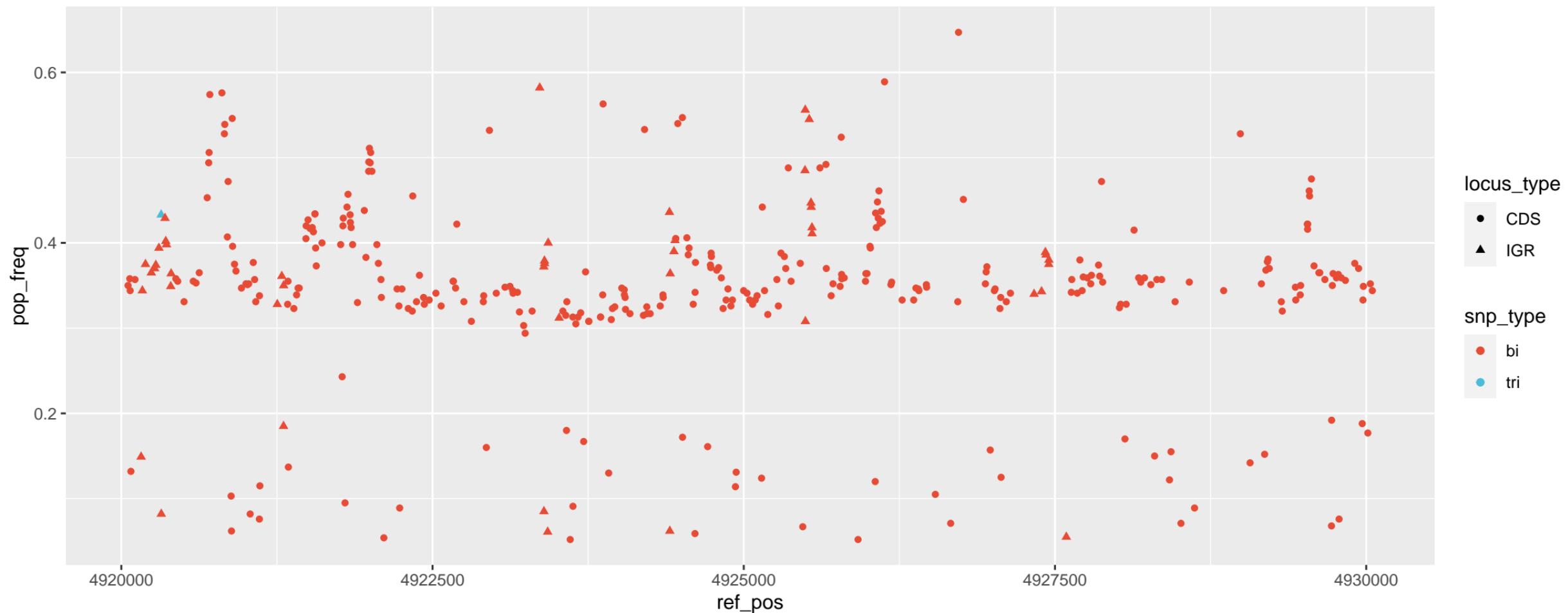
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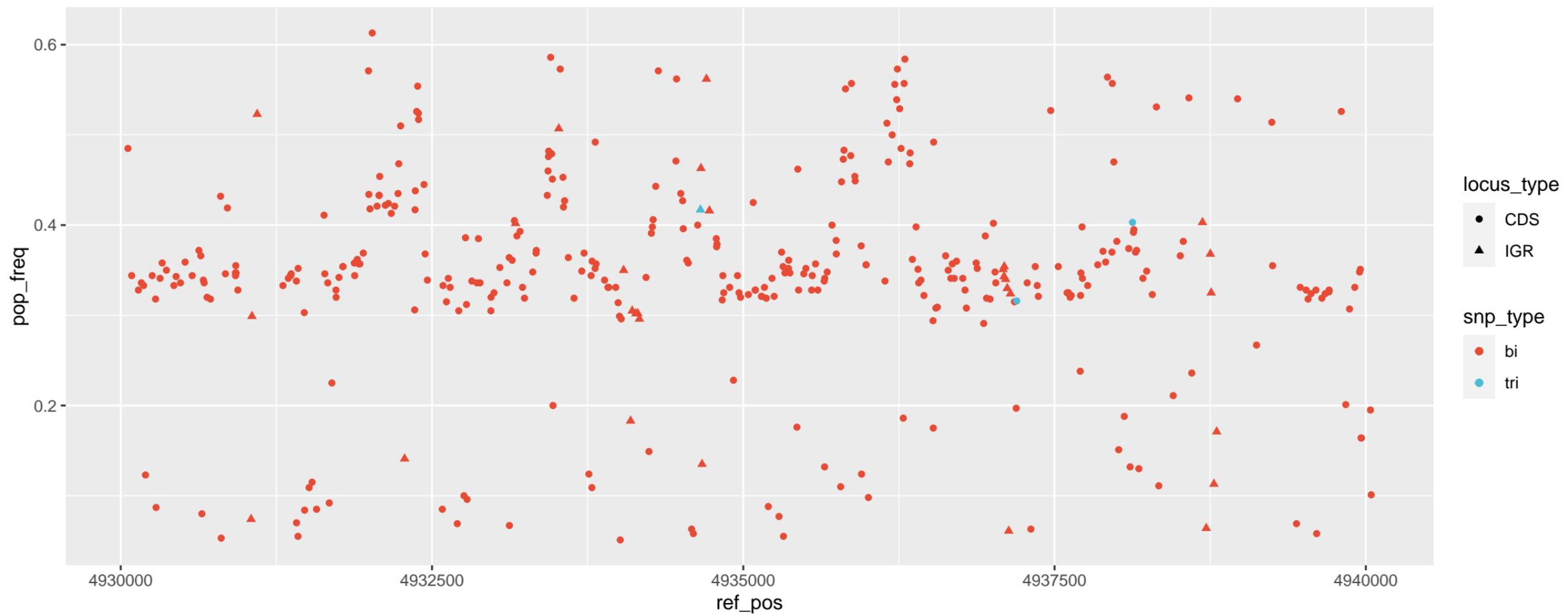
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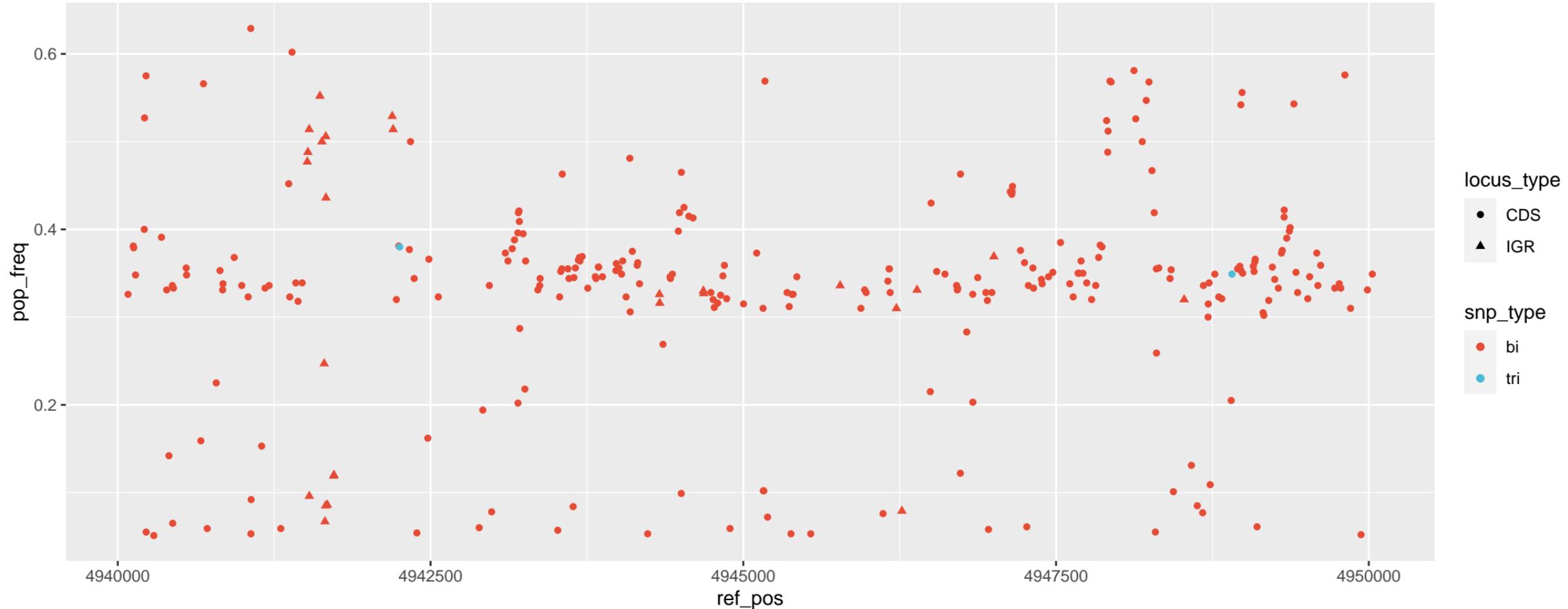
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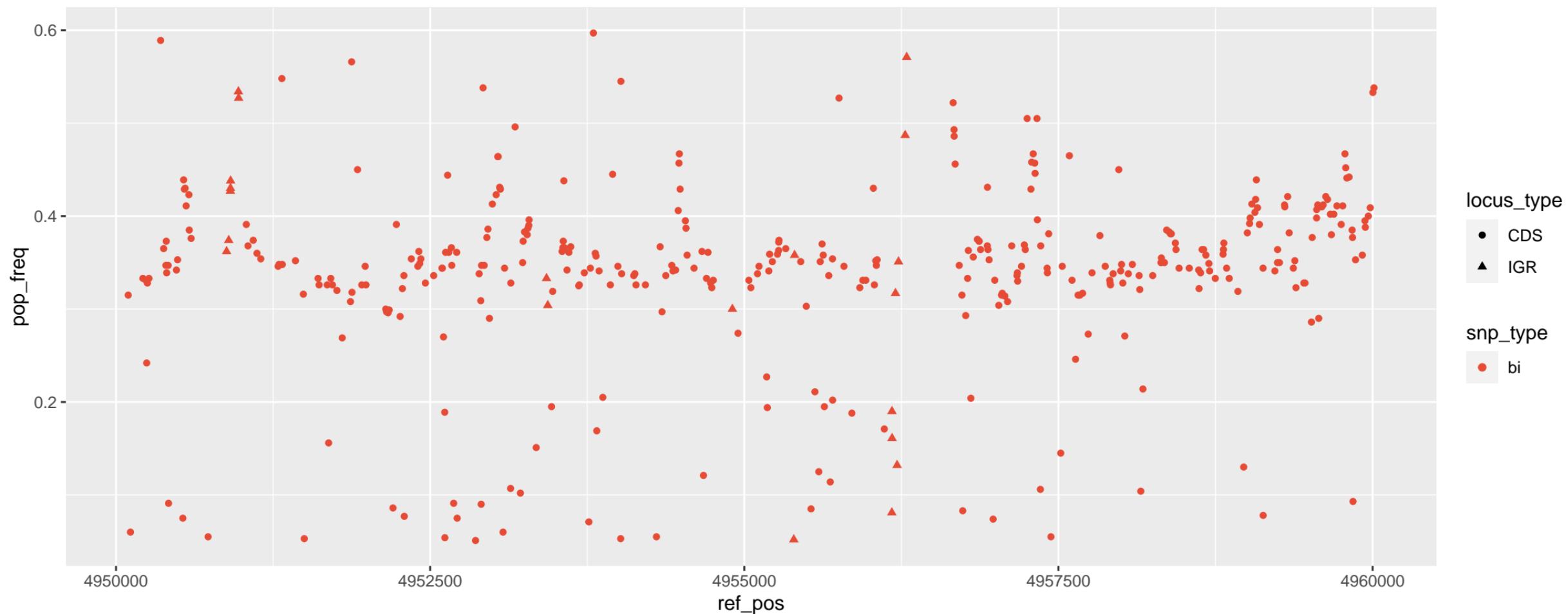
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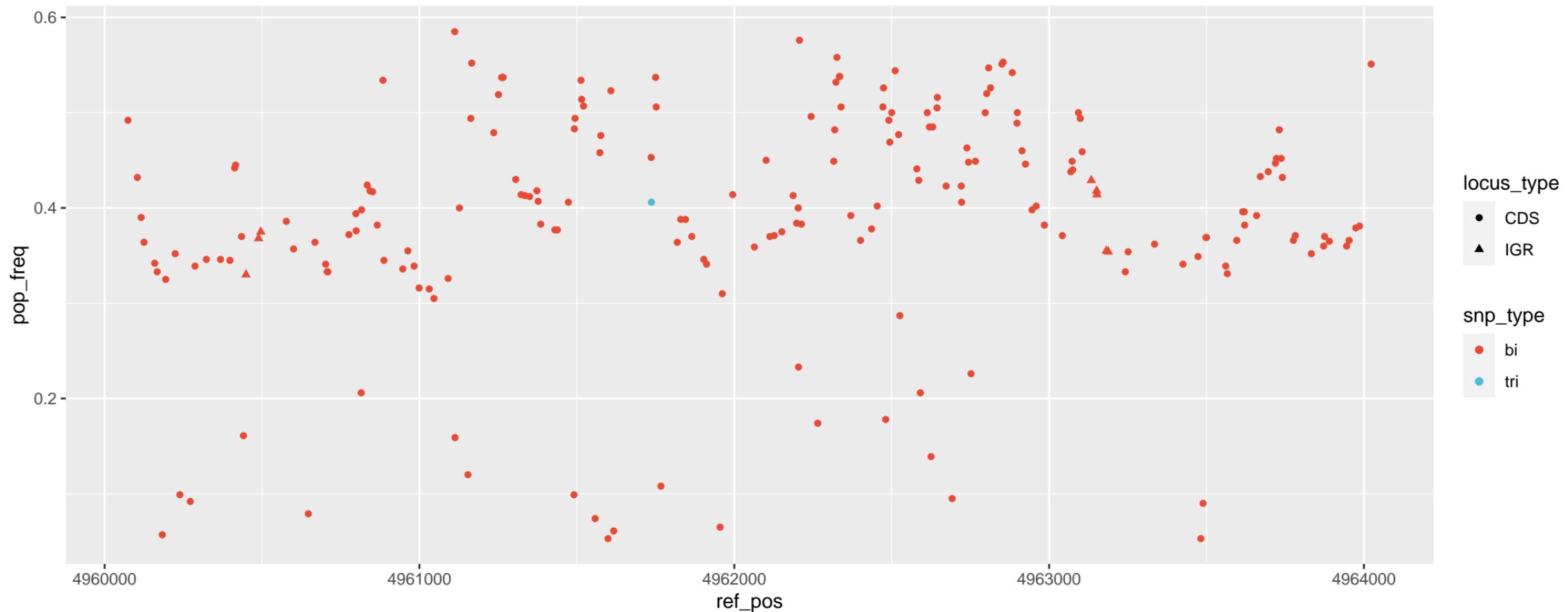
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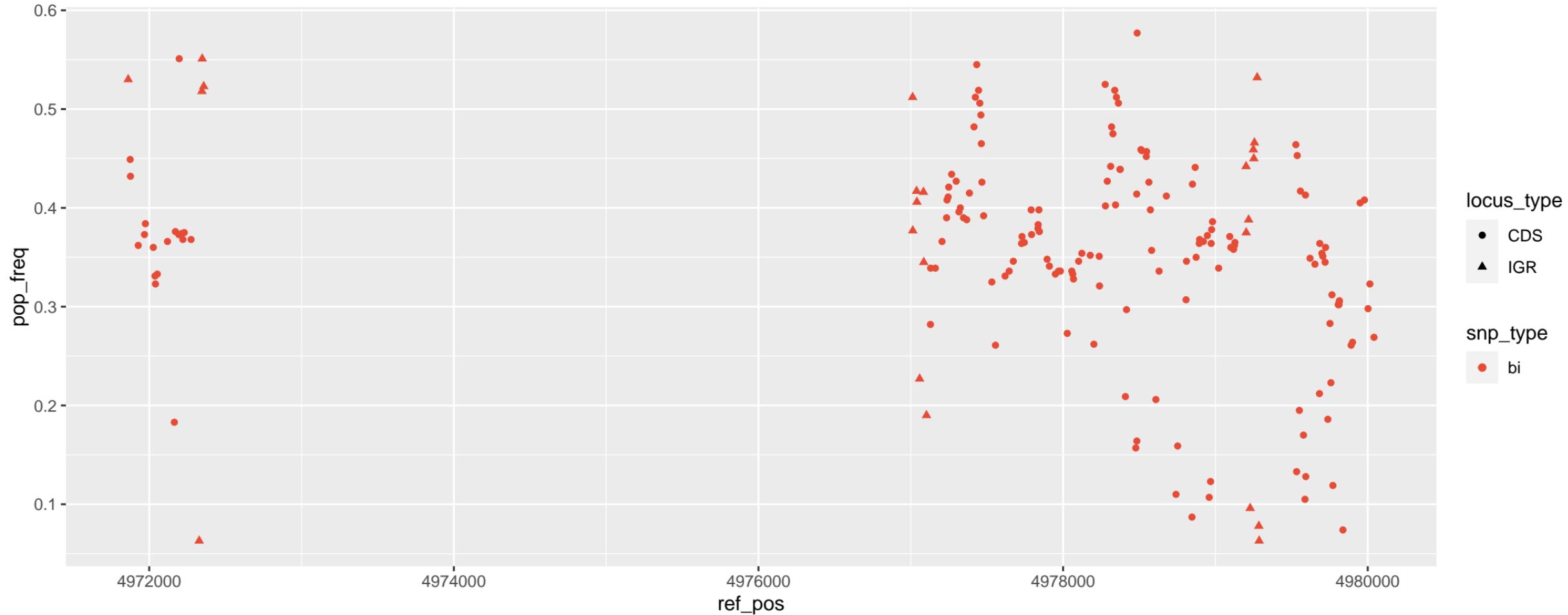
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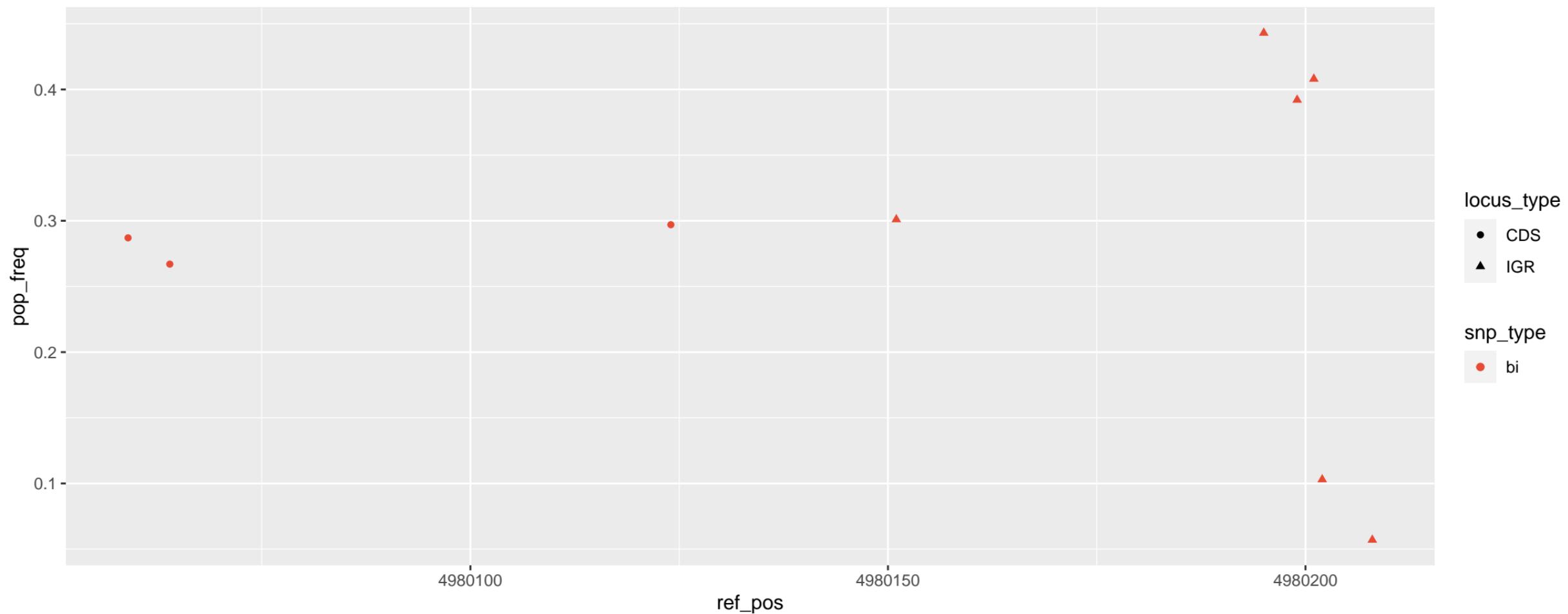
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## UHGG143505\_1:4970052–4980052



UHGG143505\_1:4980052–4990052



UHGG143505\_1:4990052–5000052

pop\_freq

ref\_pos

UHGG143505\_1:5000052–5010052

pop\_freq

ref\_pos

UHGG143505\_1:5010052–5020052

pop\_freq

ref\_pos

UHGG143505\_1:5020052–5030052

pop\_freq

ref\_pos

UHGG143505\_1:5030052–5040052

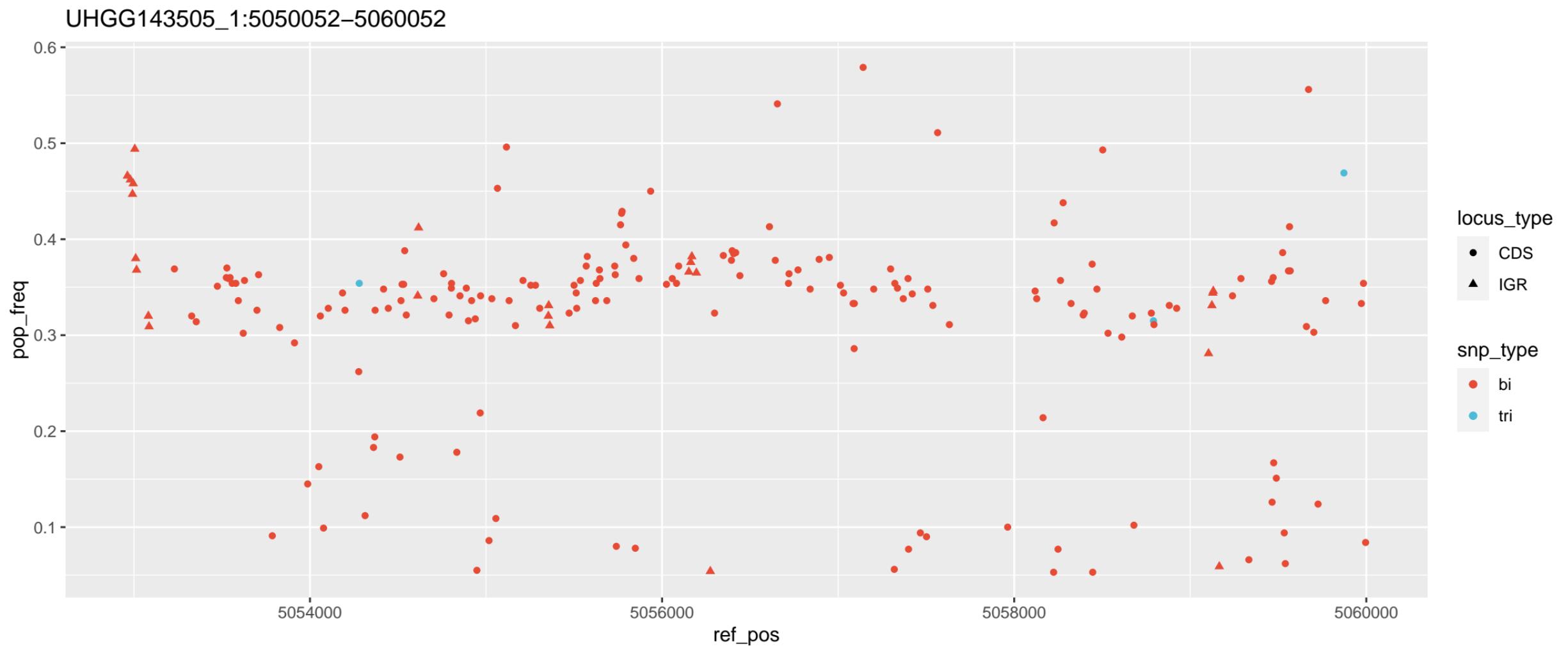
pop\_freq

ref\_pos

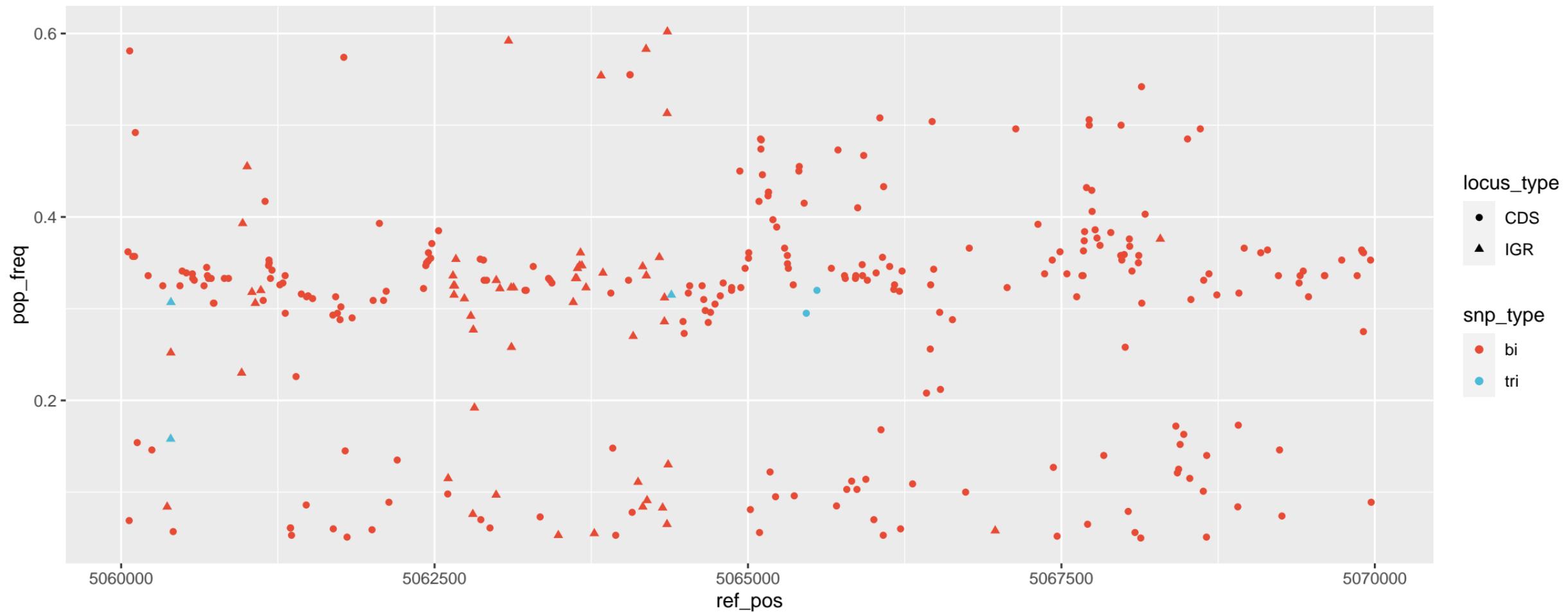
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pop\_freq

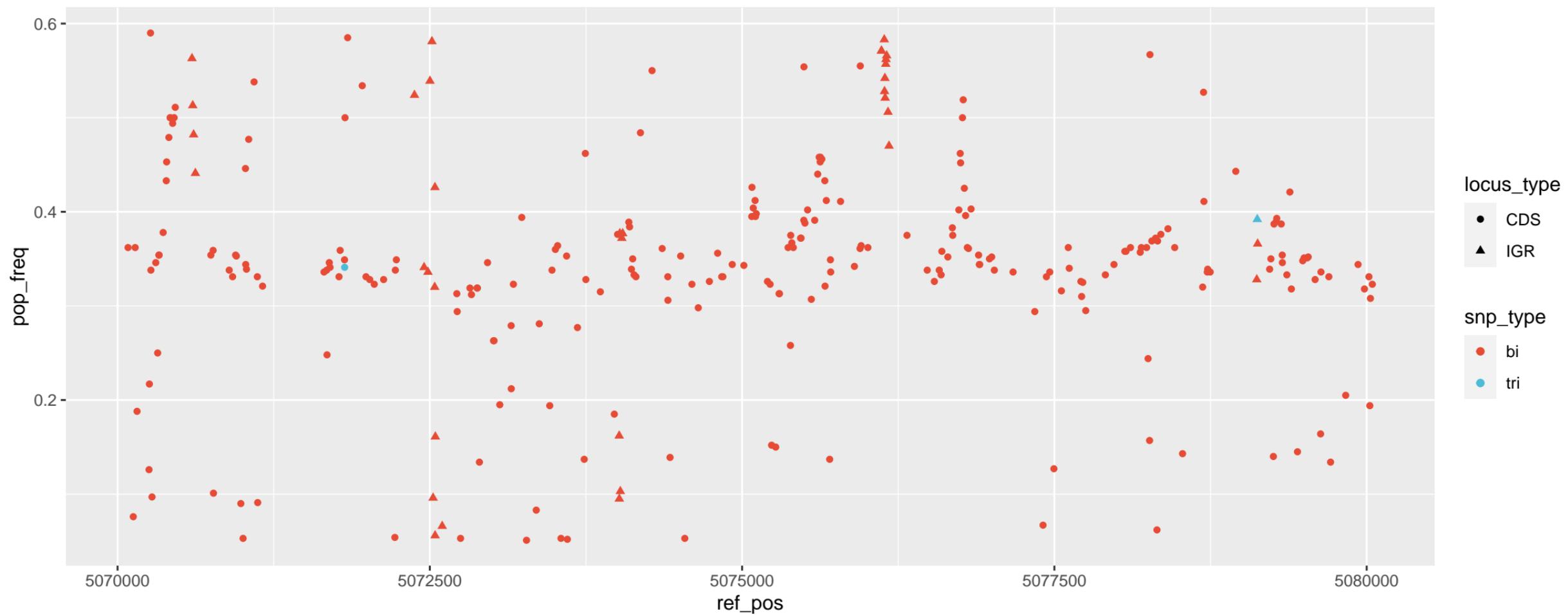
ref\_pos



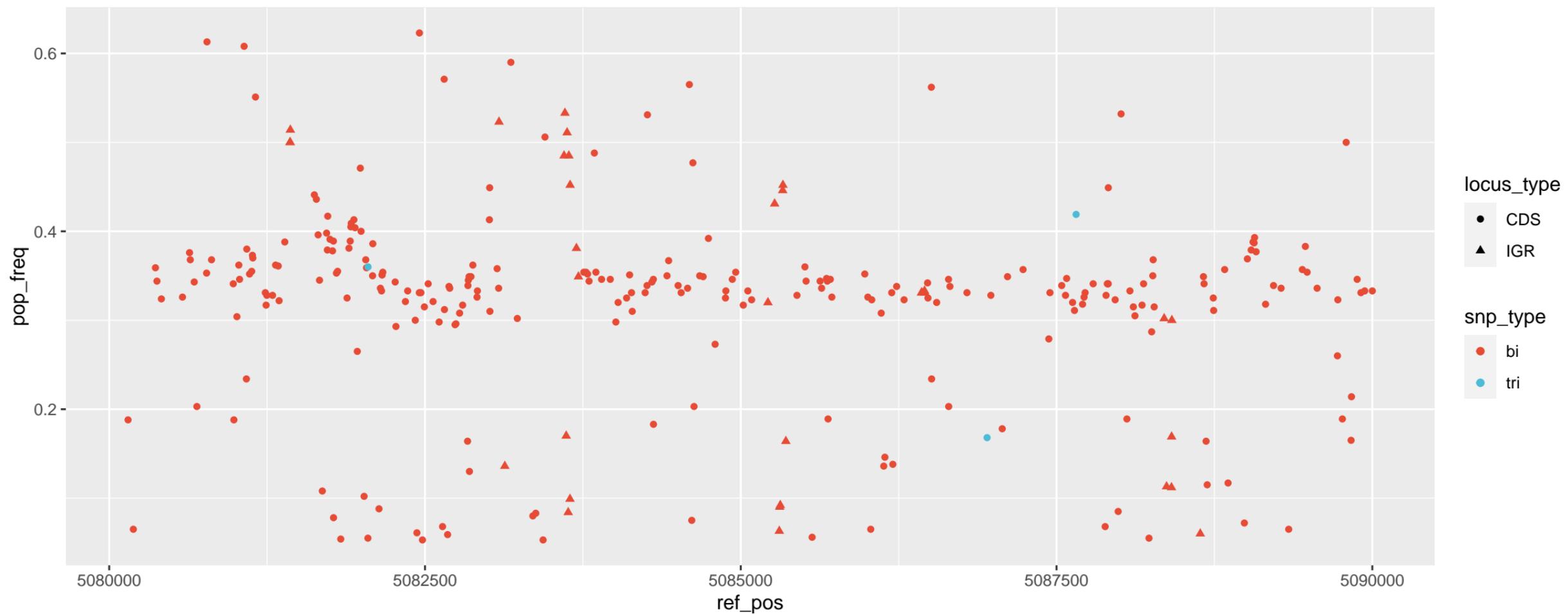
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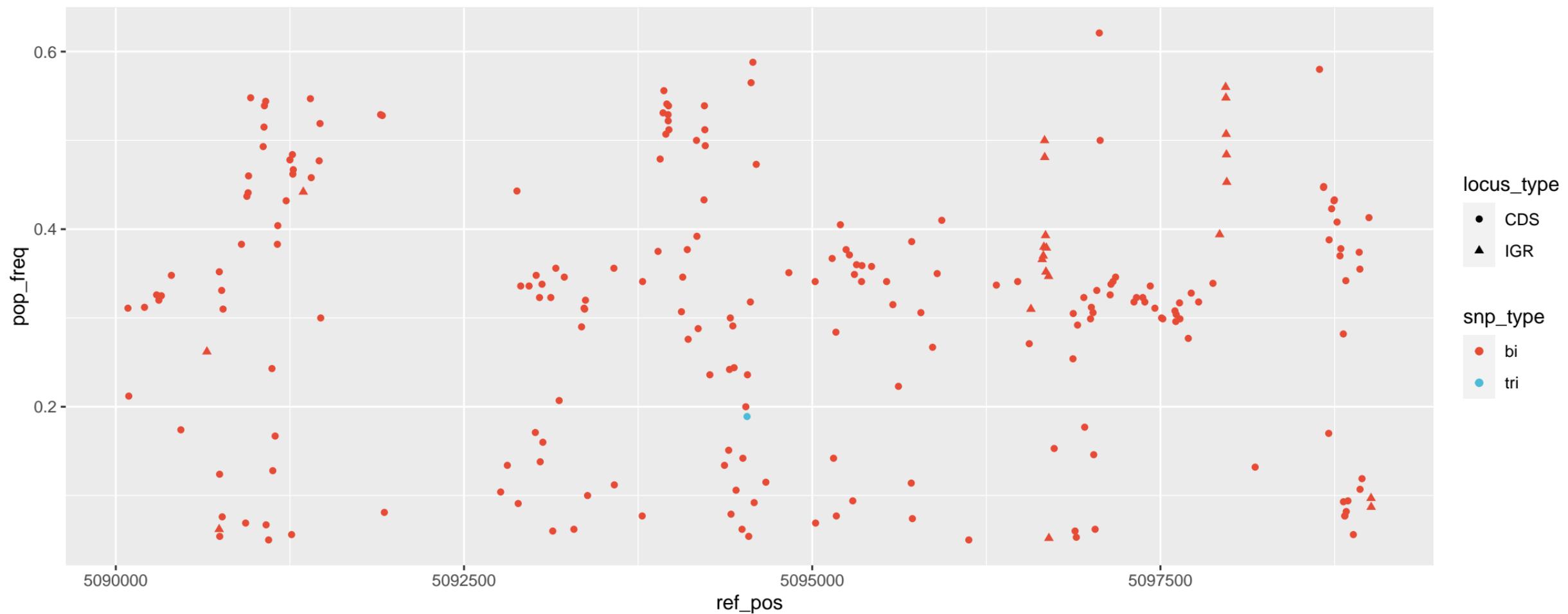
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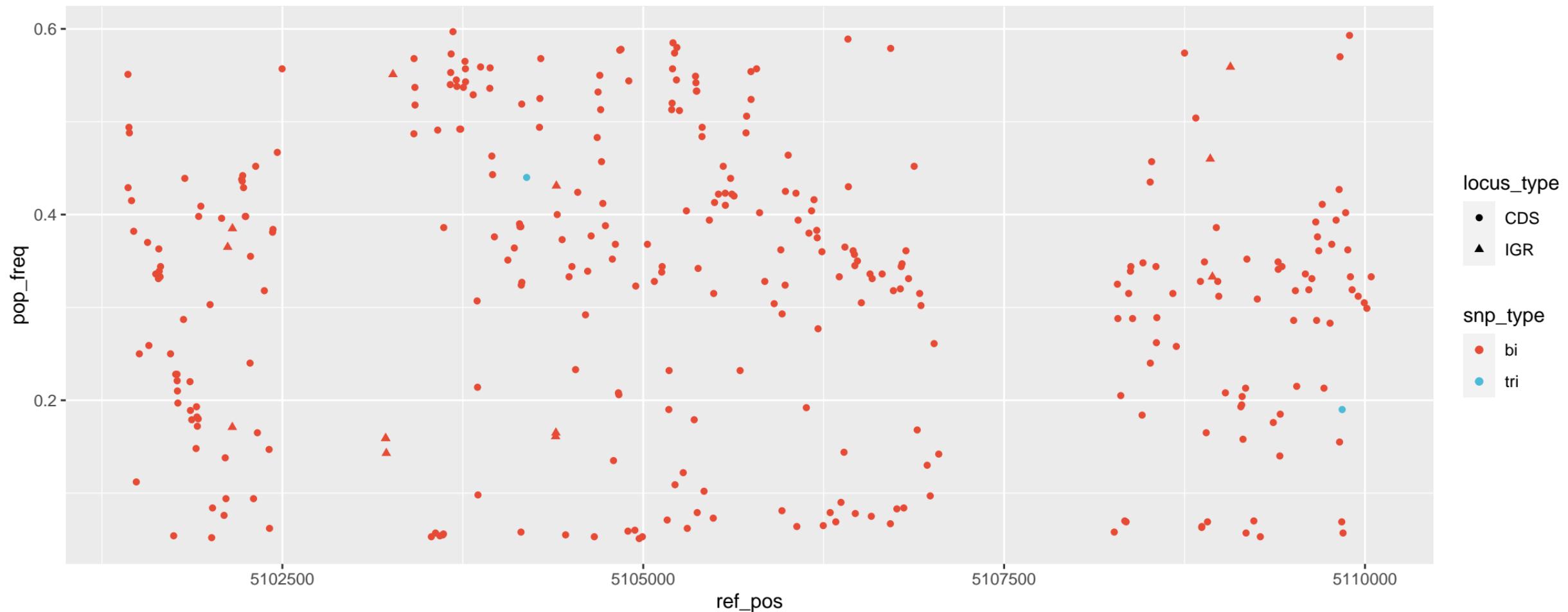
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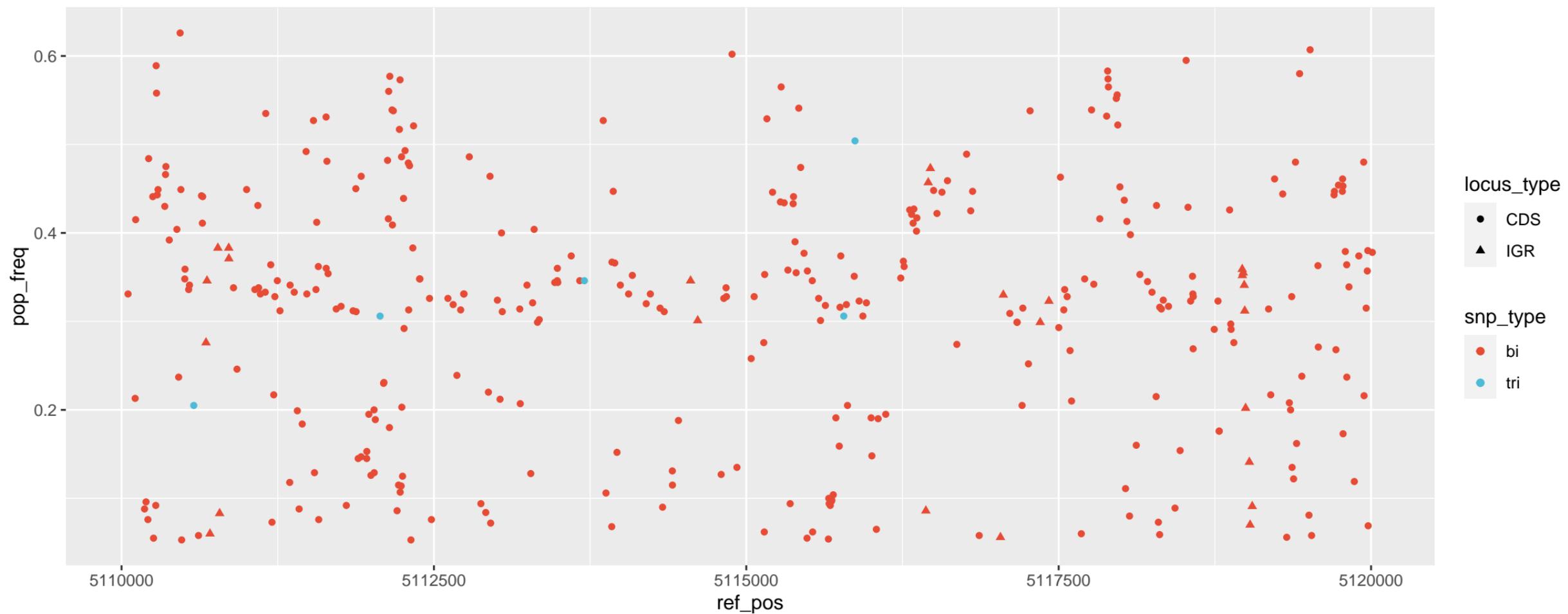
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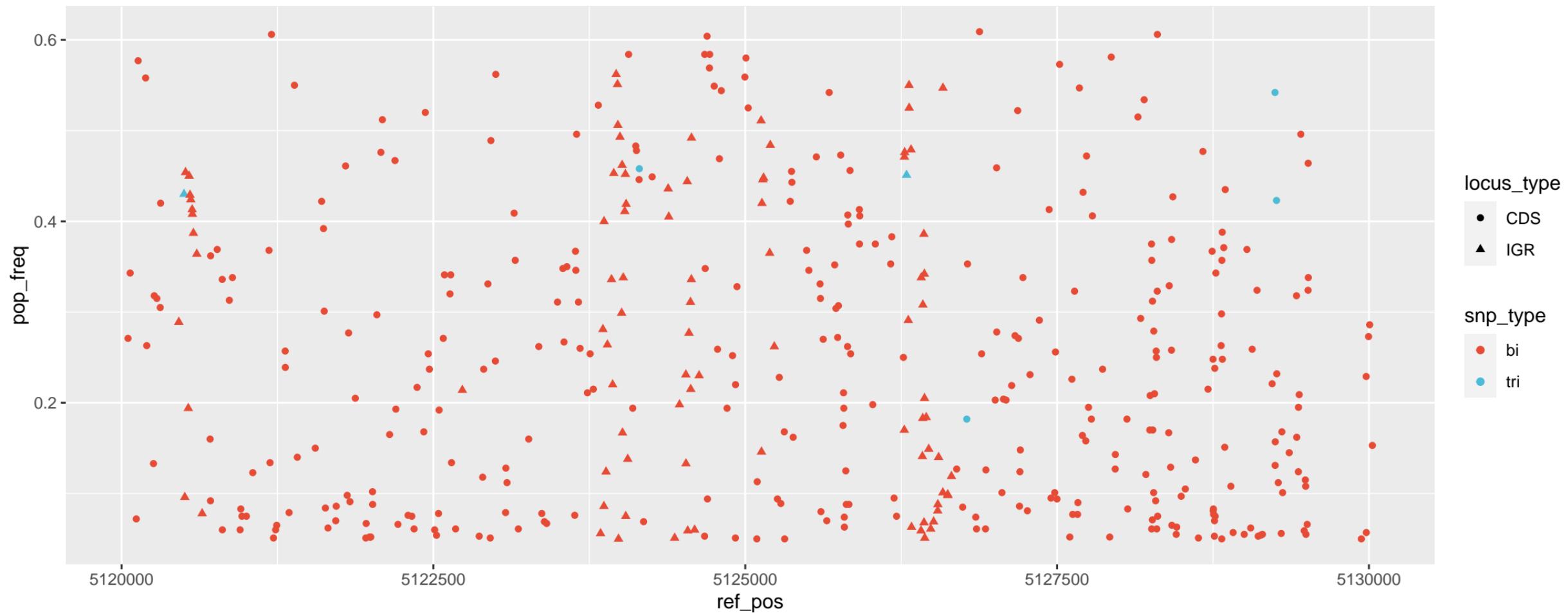
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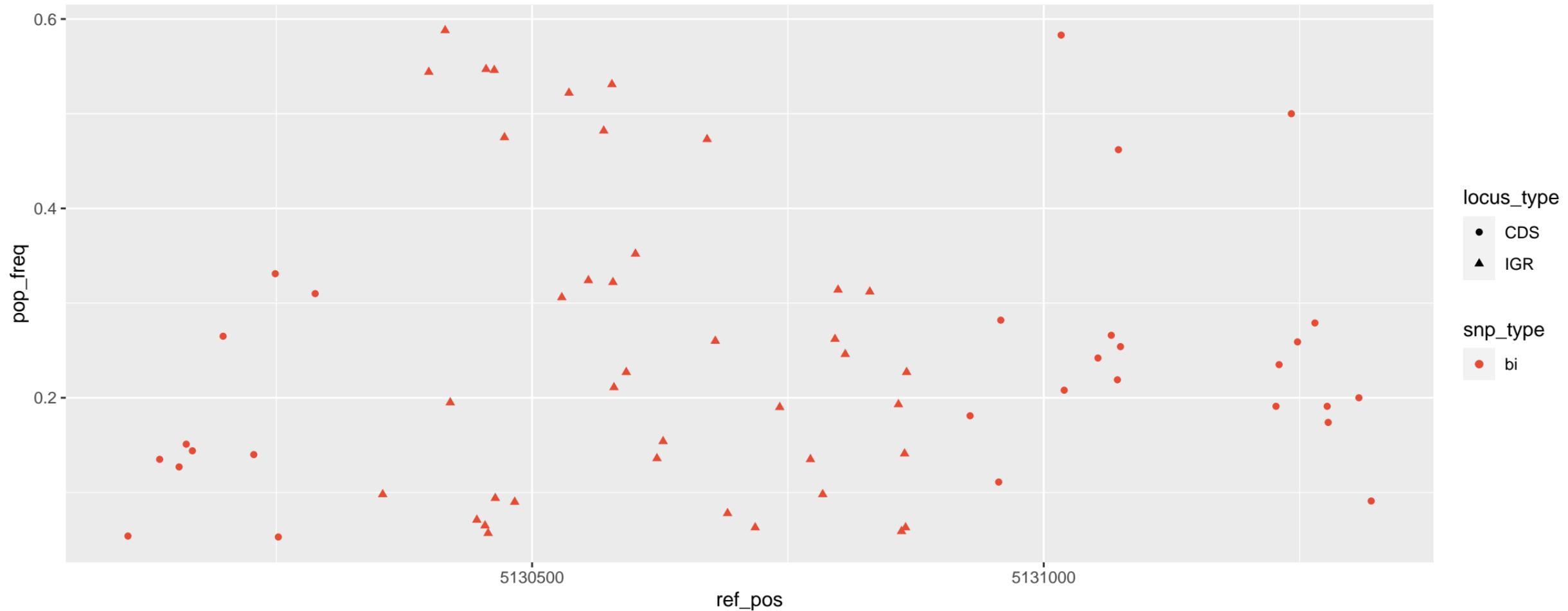
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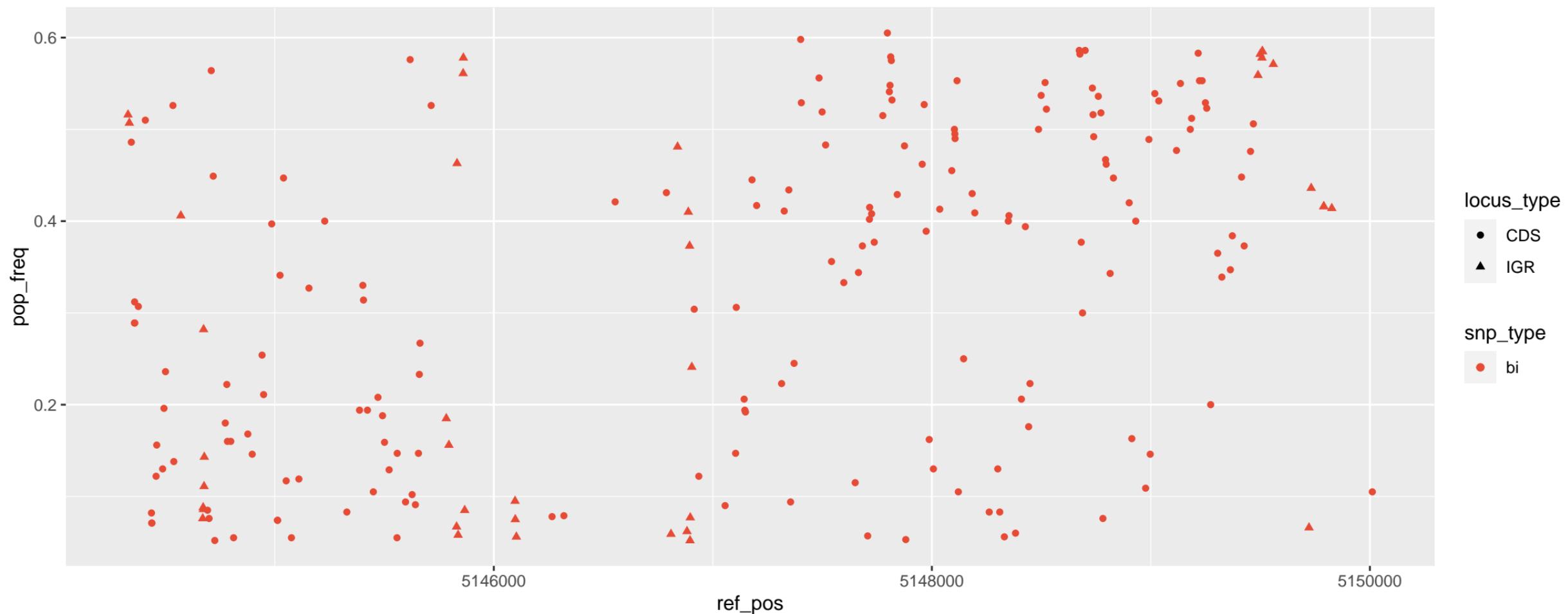
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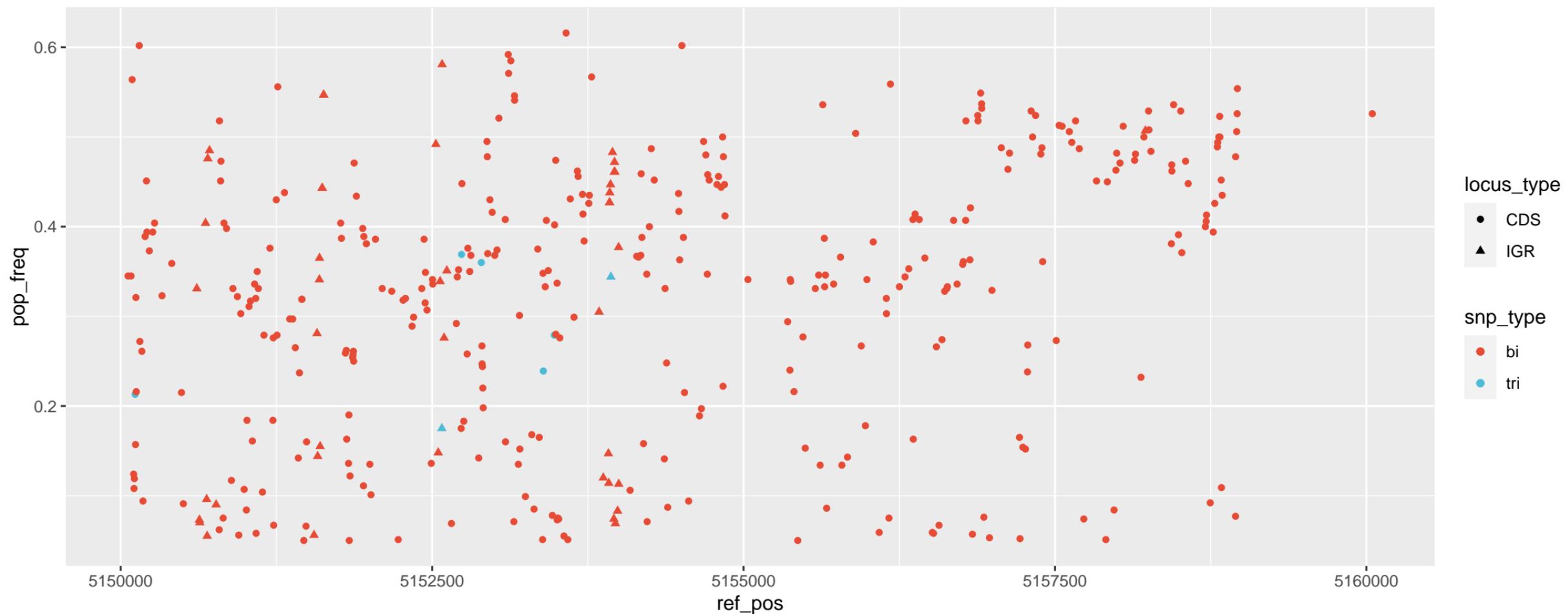
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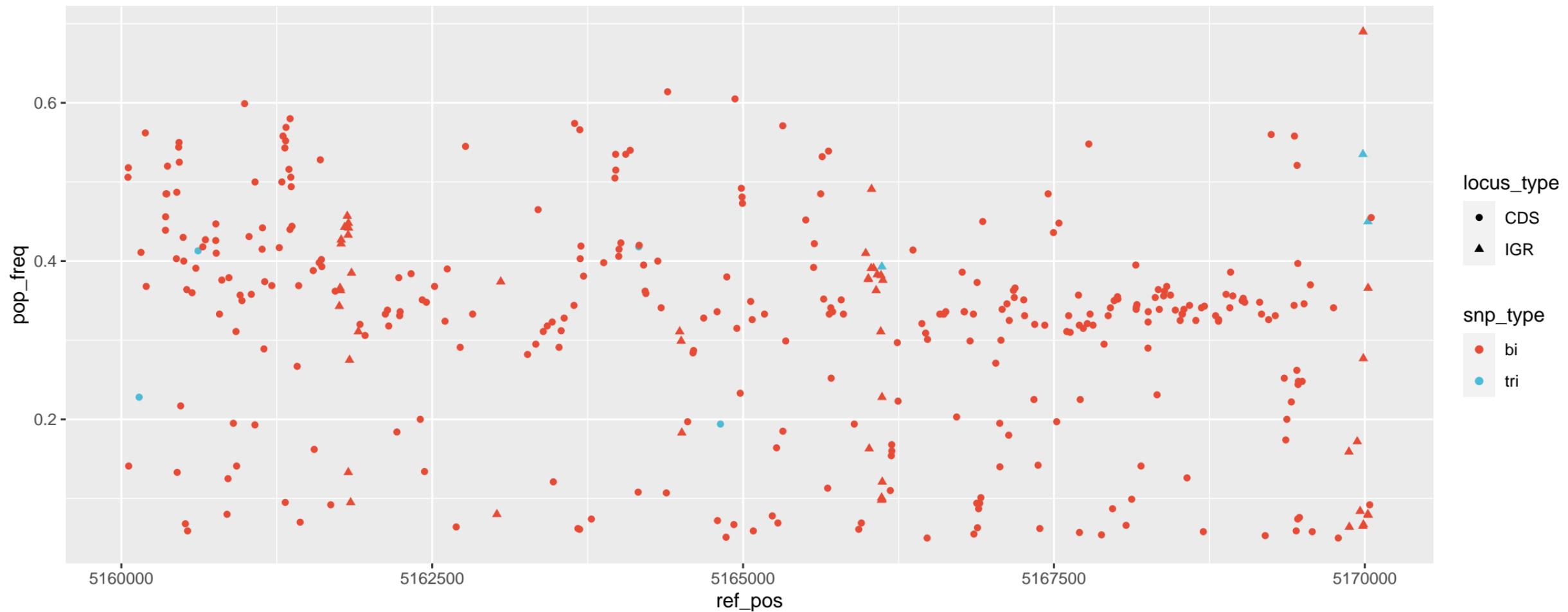
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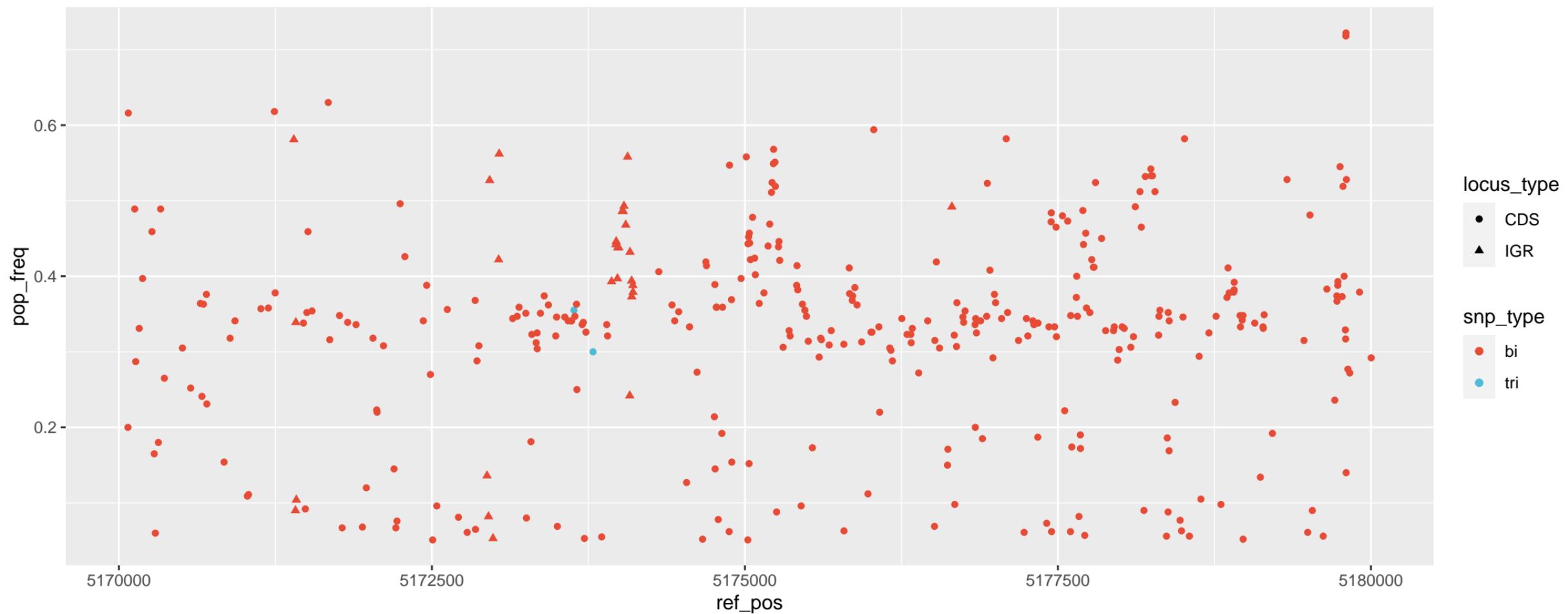
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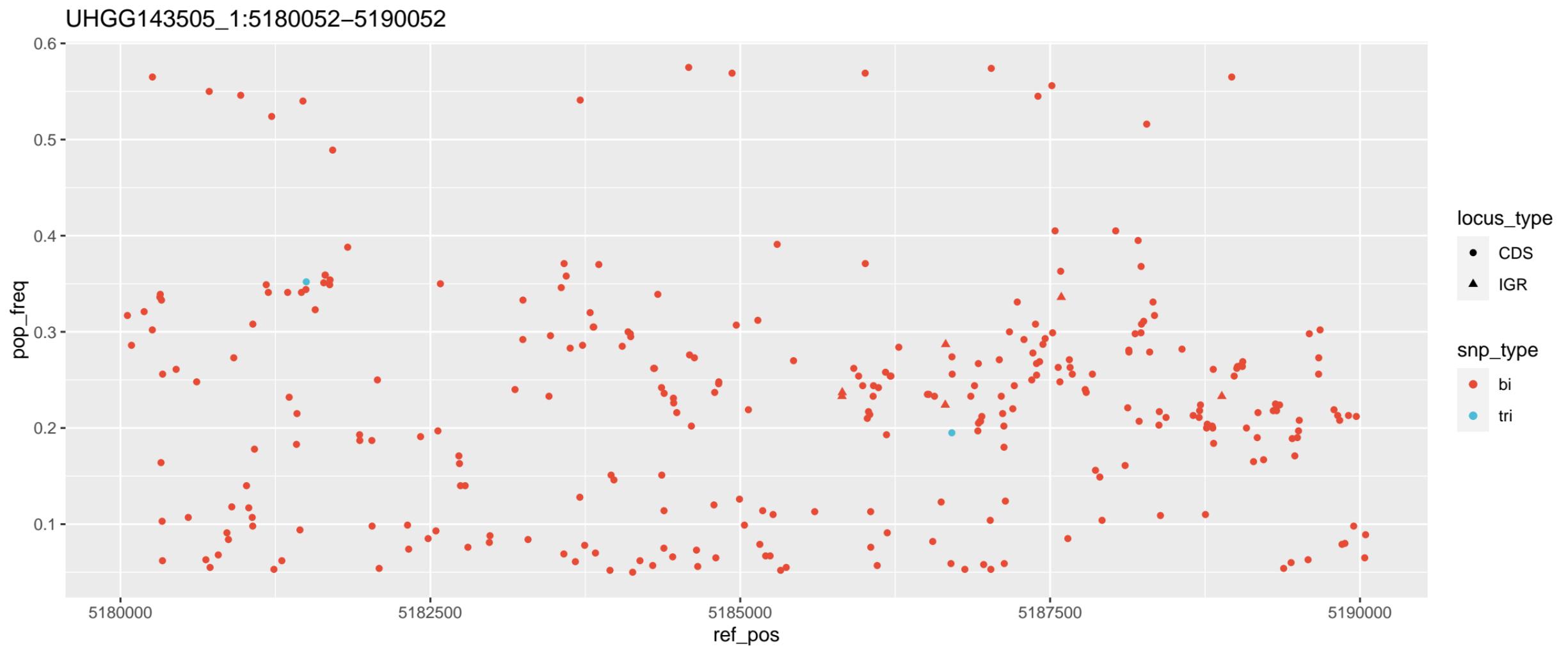


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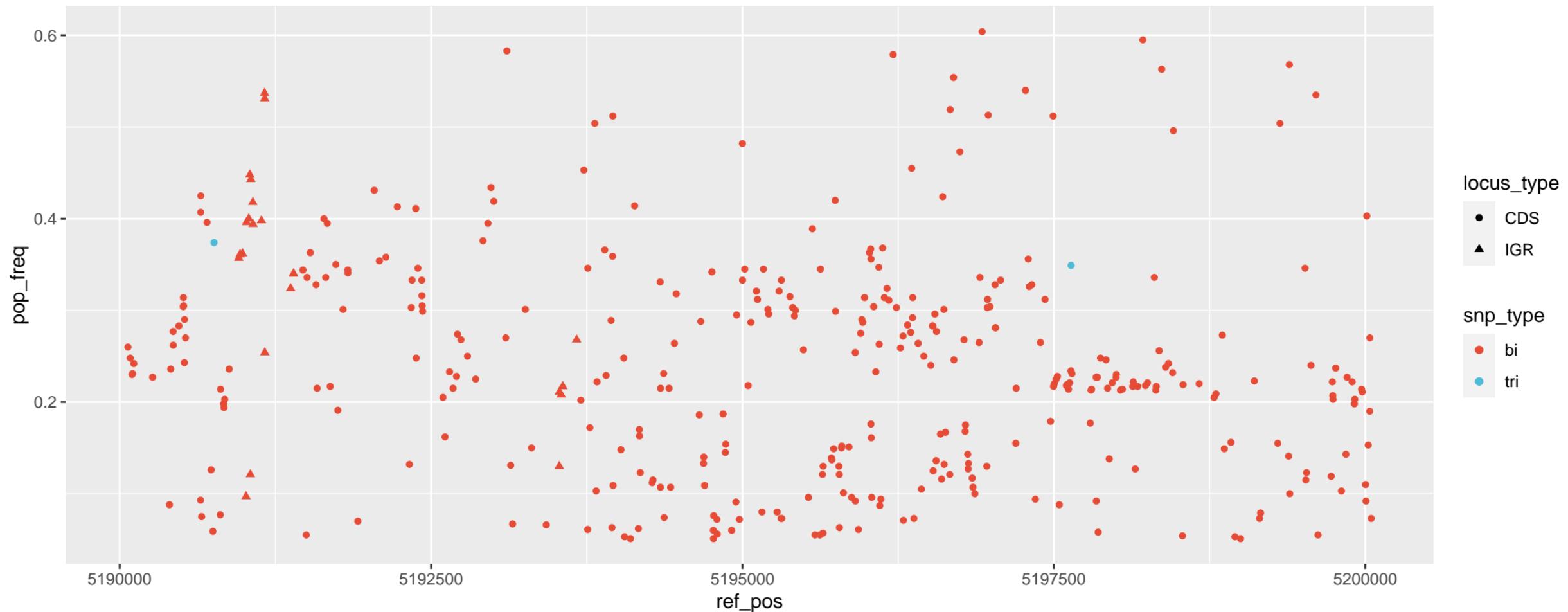


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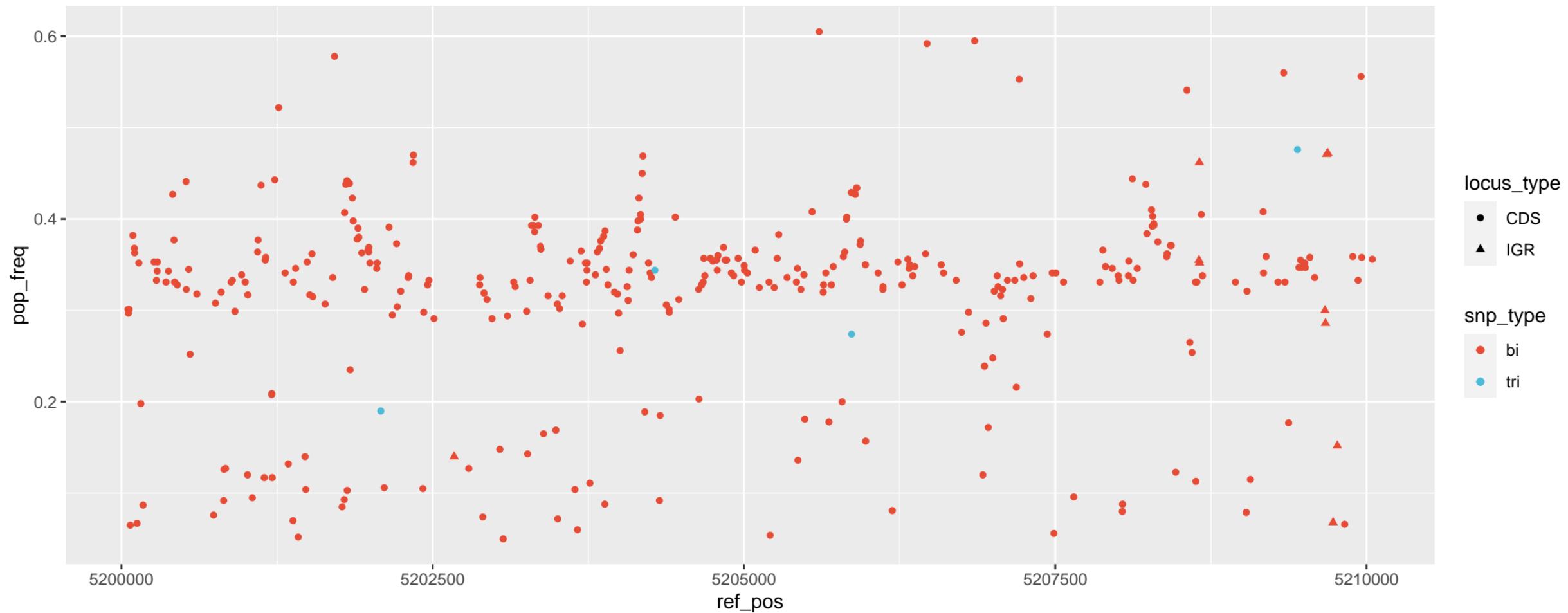




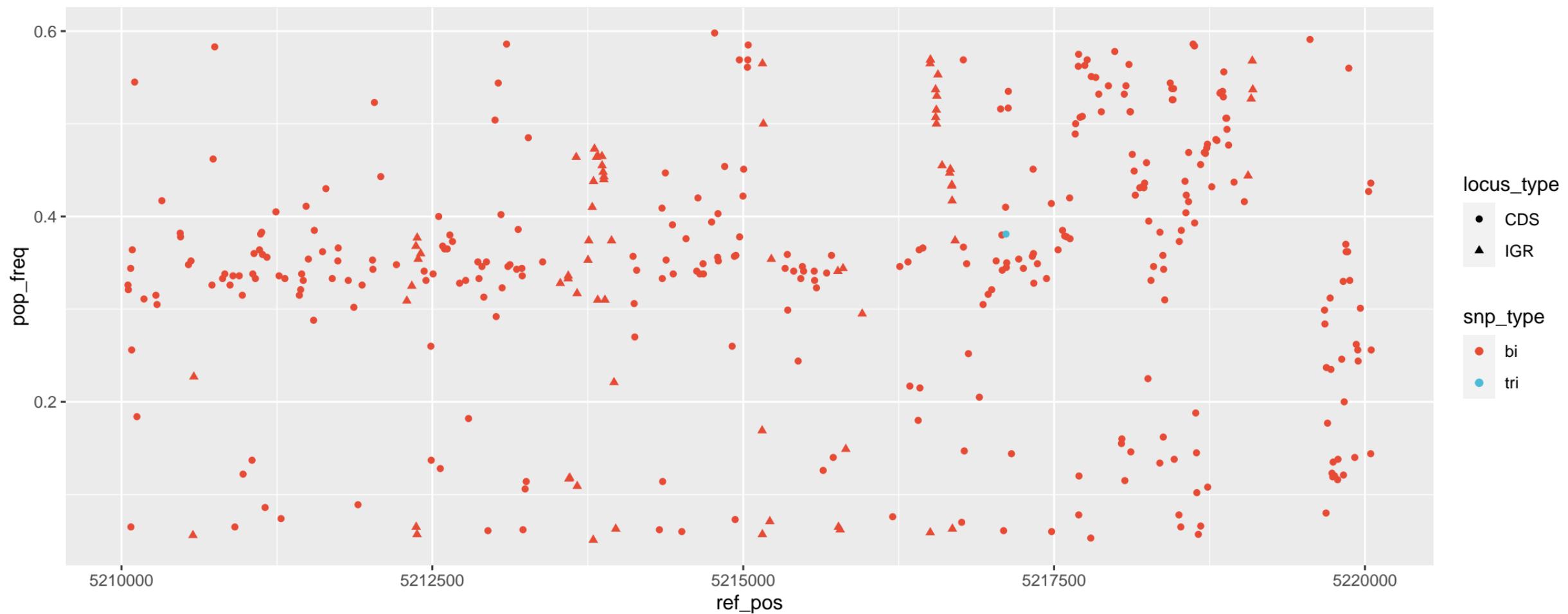
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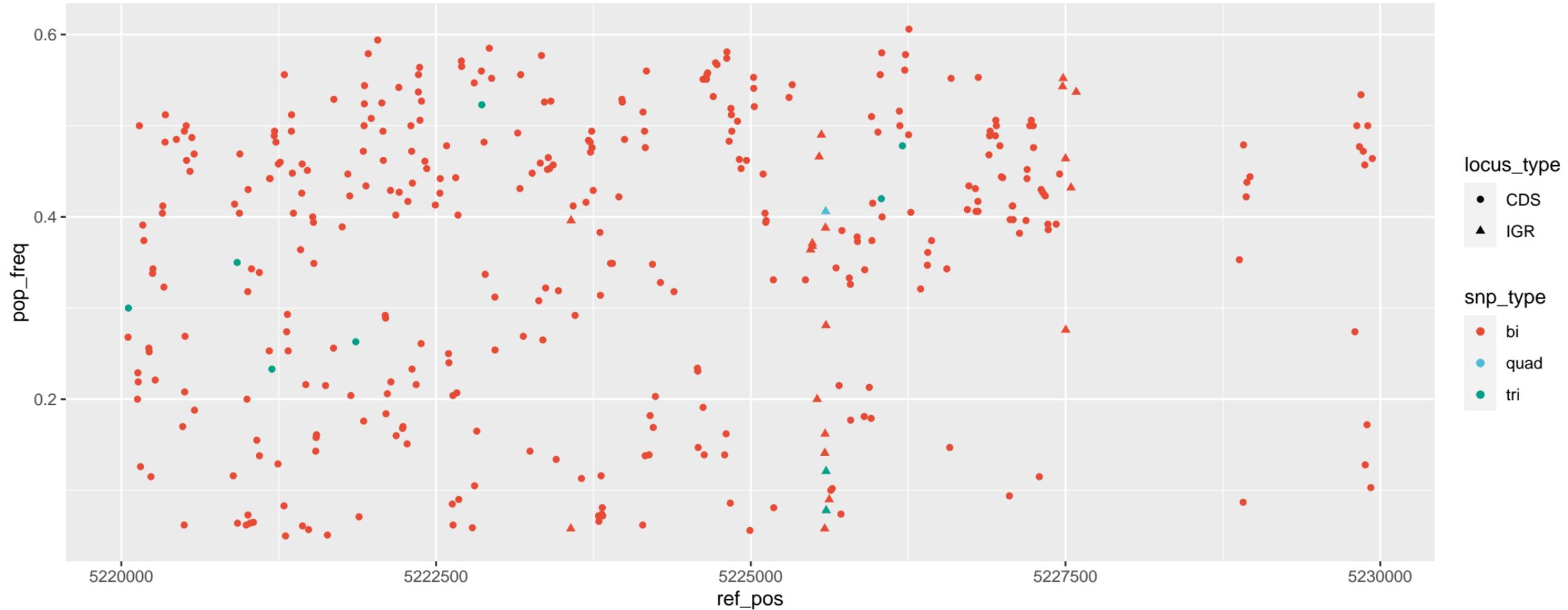
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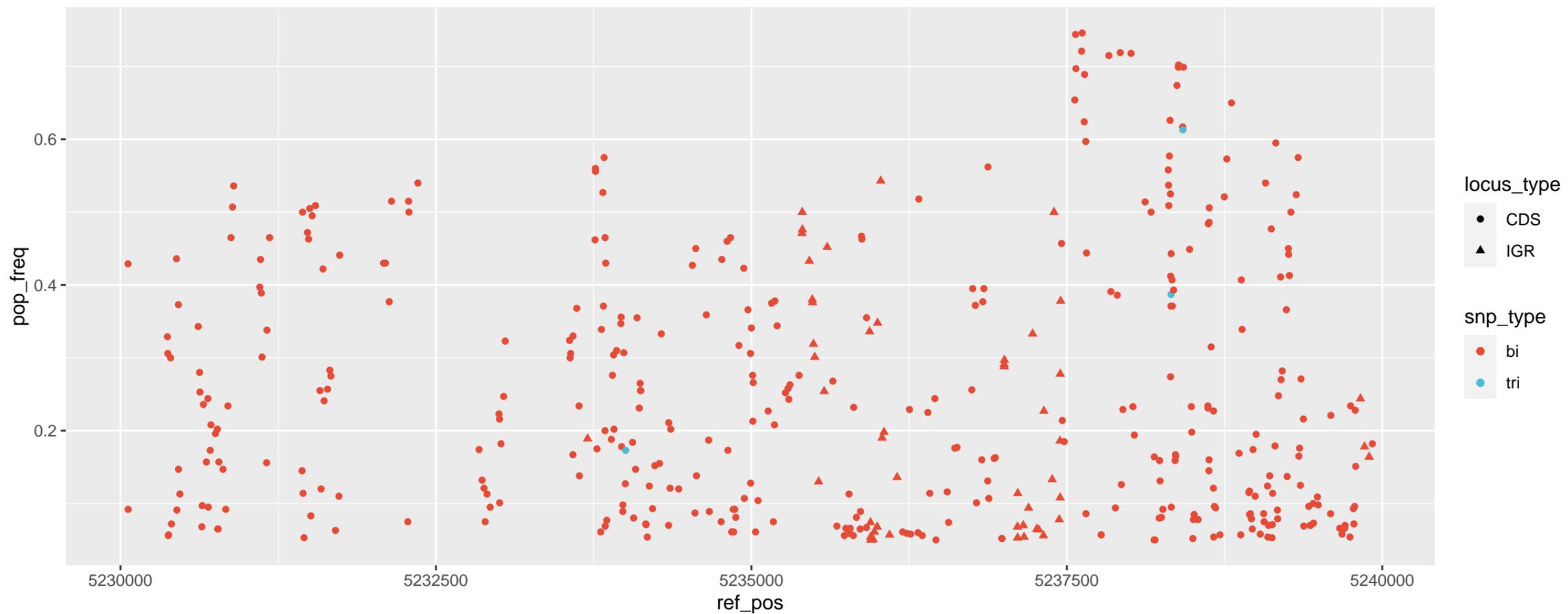
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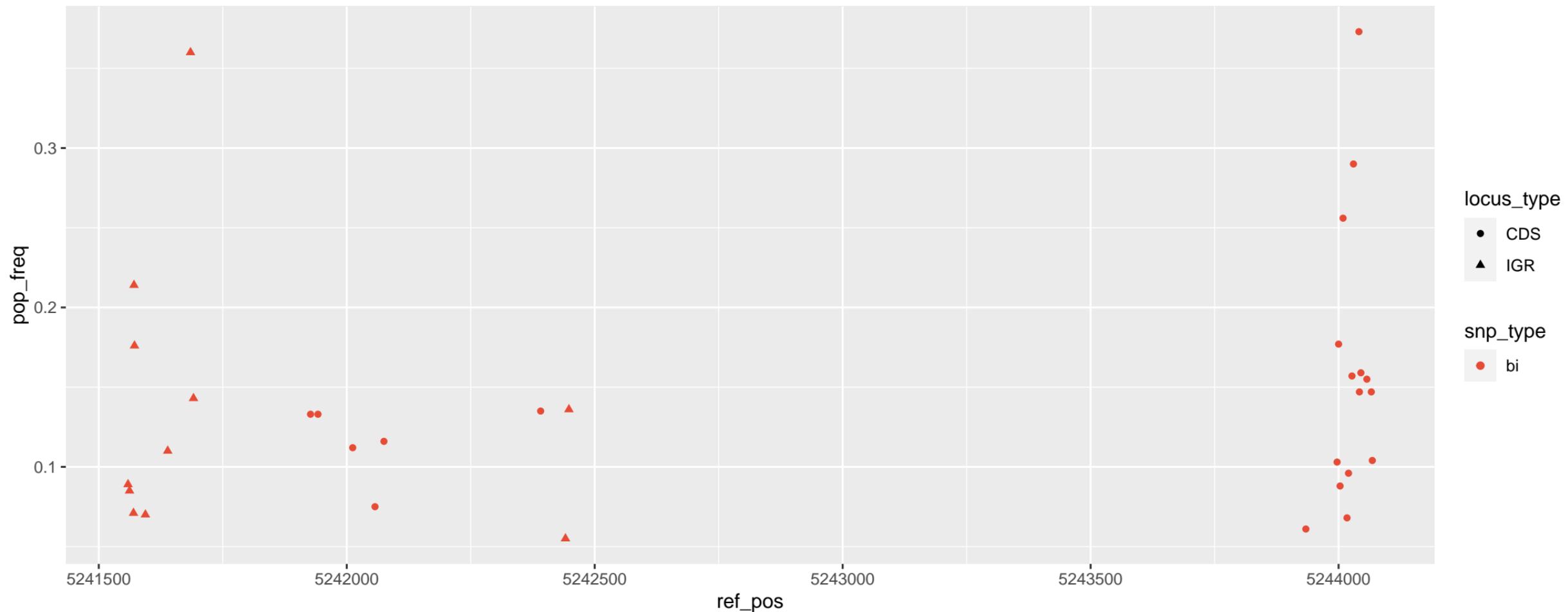
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## UHGG143505\_1:5230052–5240052



## UHGG143505\_1:5240052–5250052

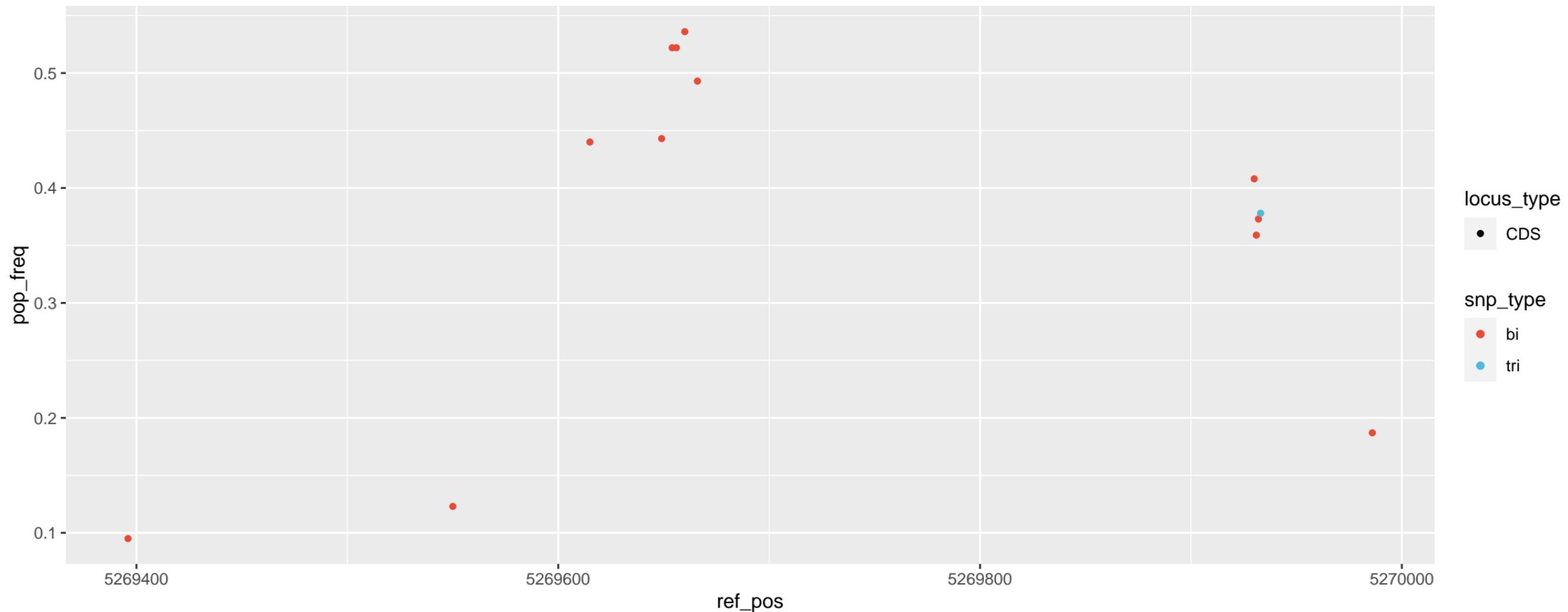


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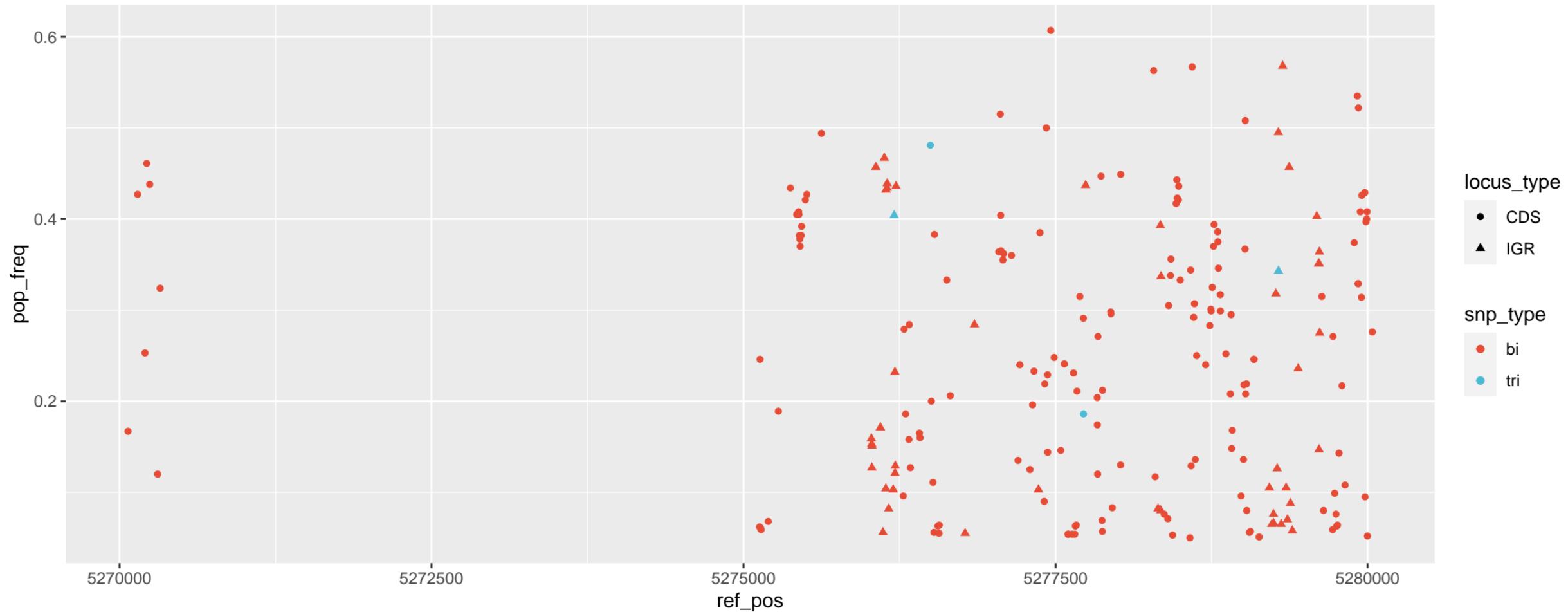
pop\_freq

ref\_pos

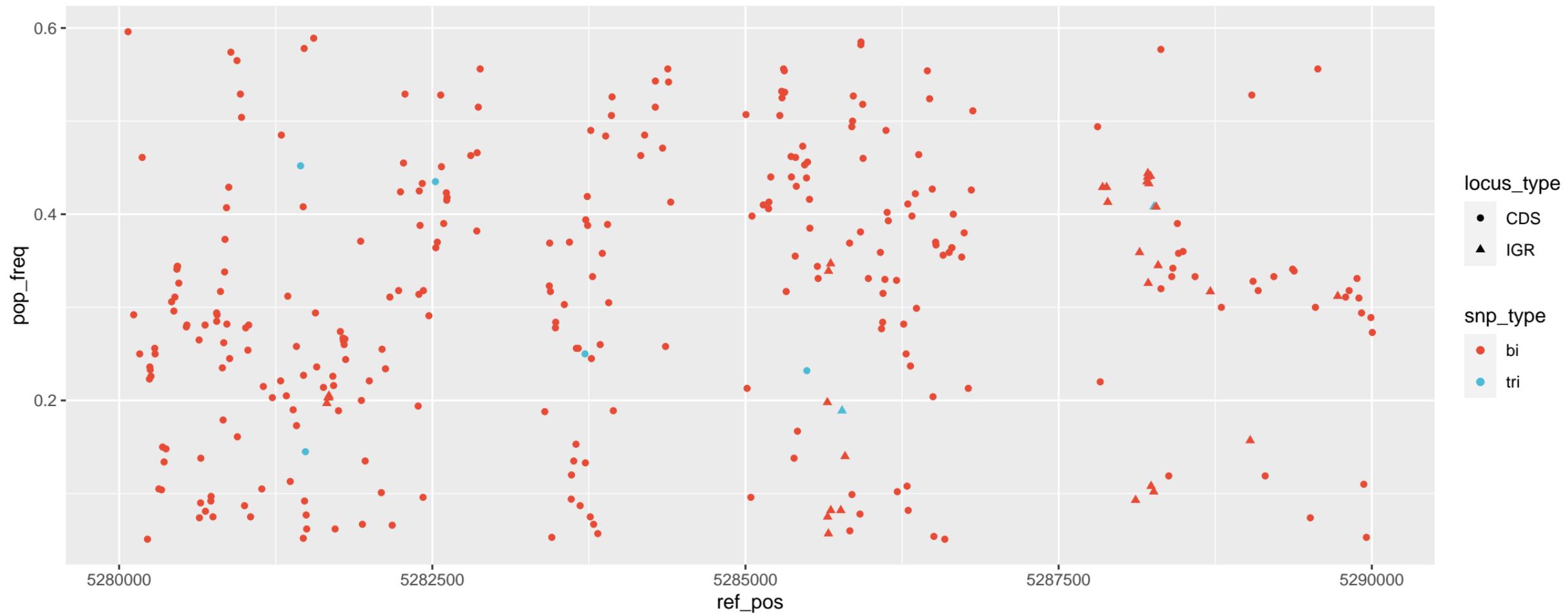
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## UHGG143505\_1:5270052–5280052

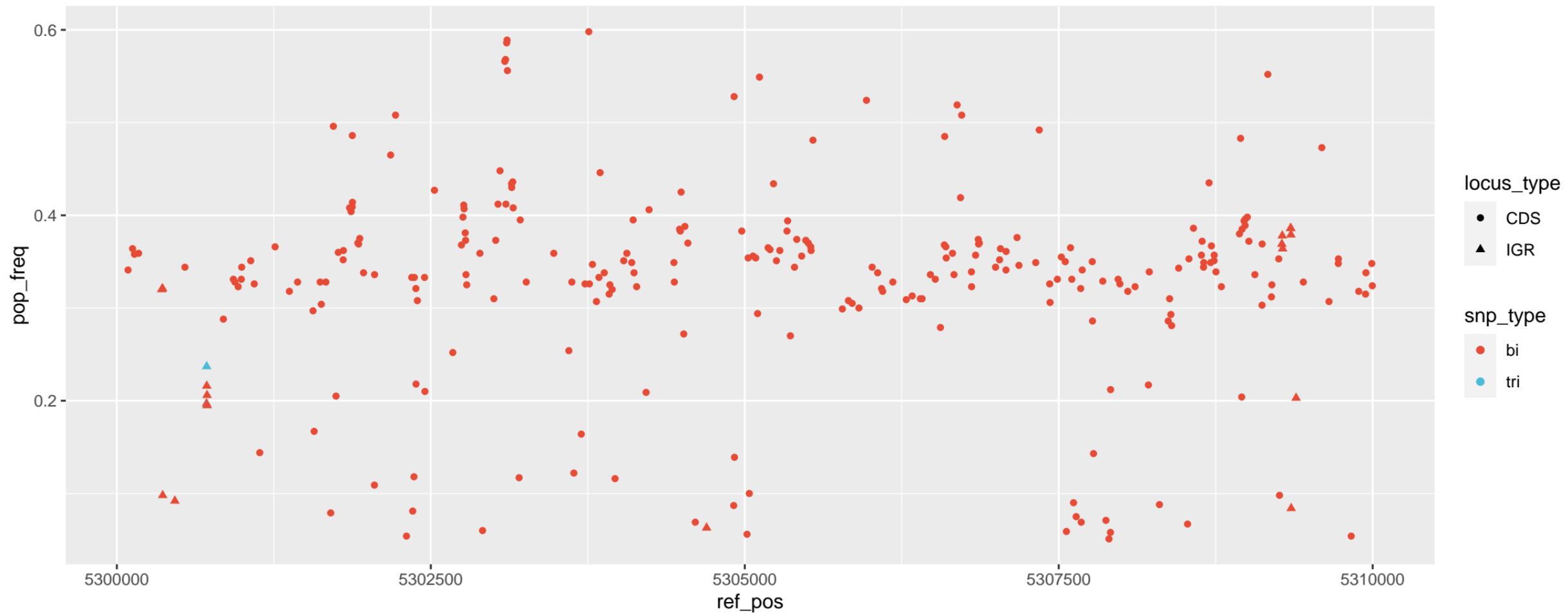


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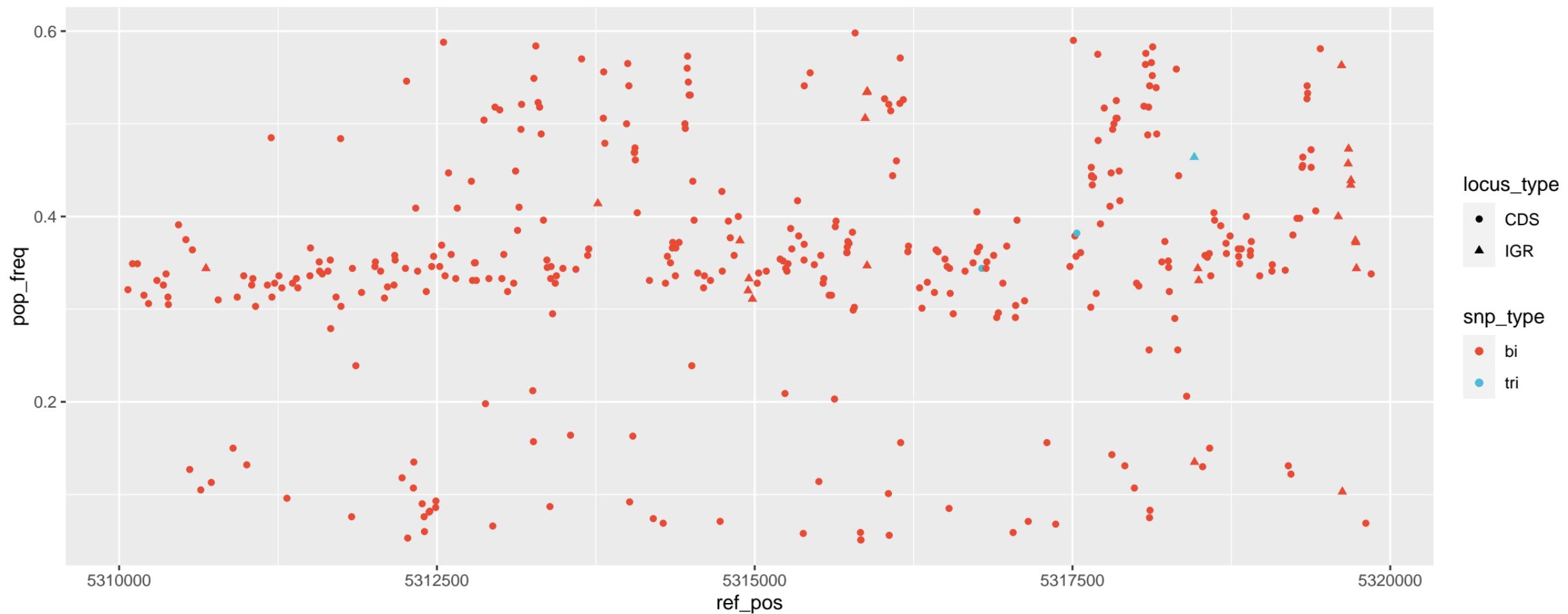




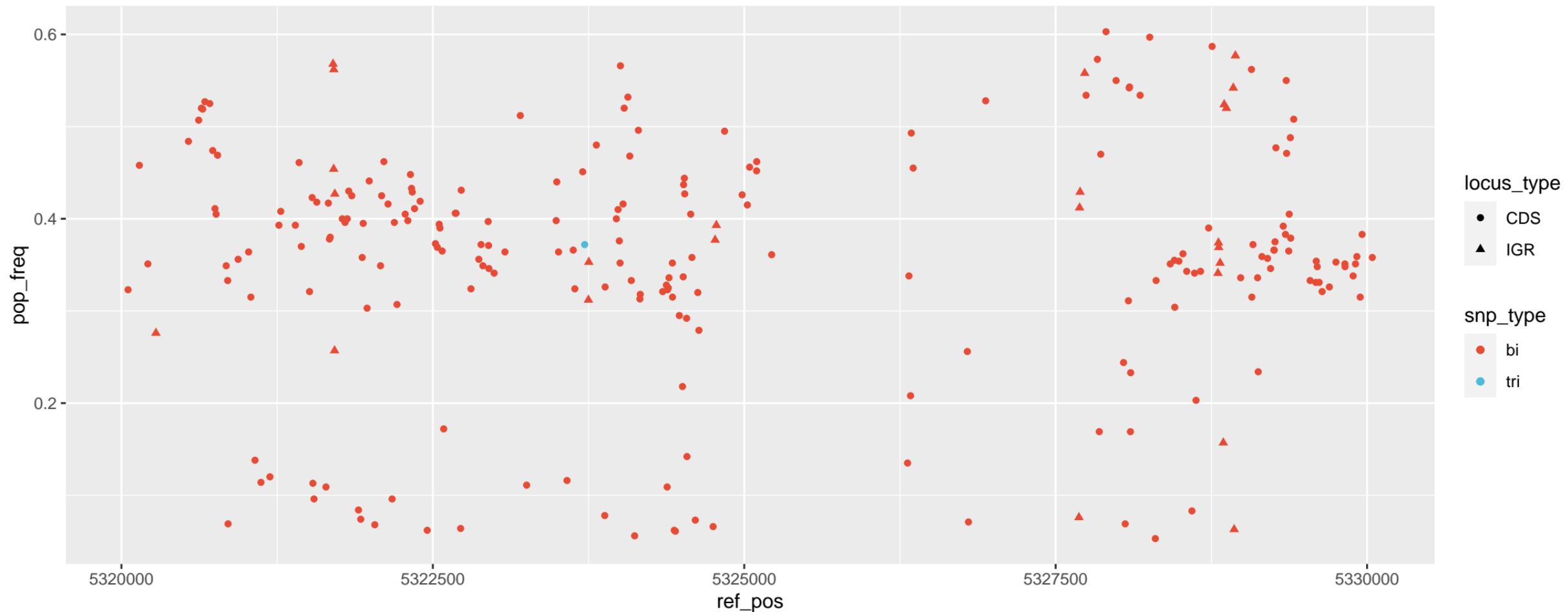
## UHGG143505\_1:5300052–5310052



## UHGG143505\_1:5310052–5320052



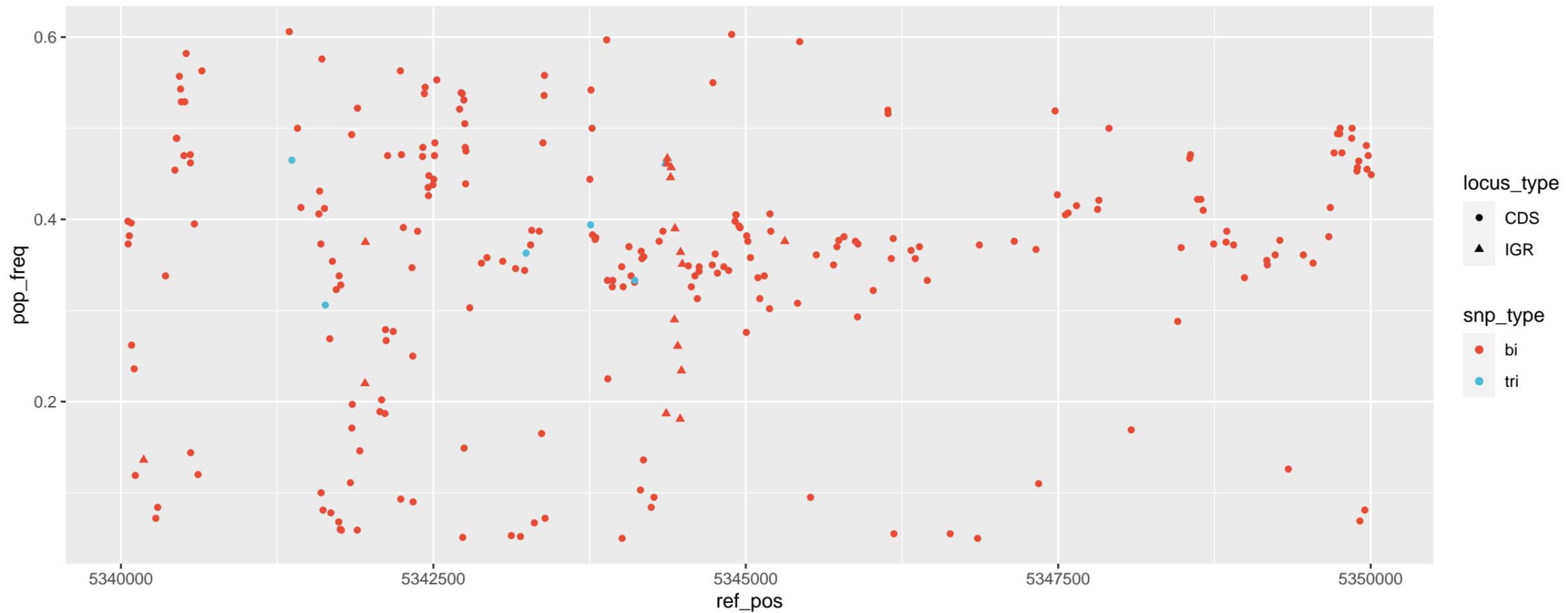
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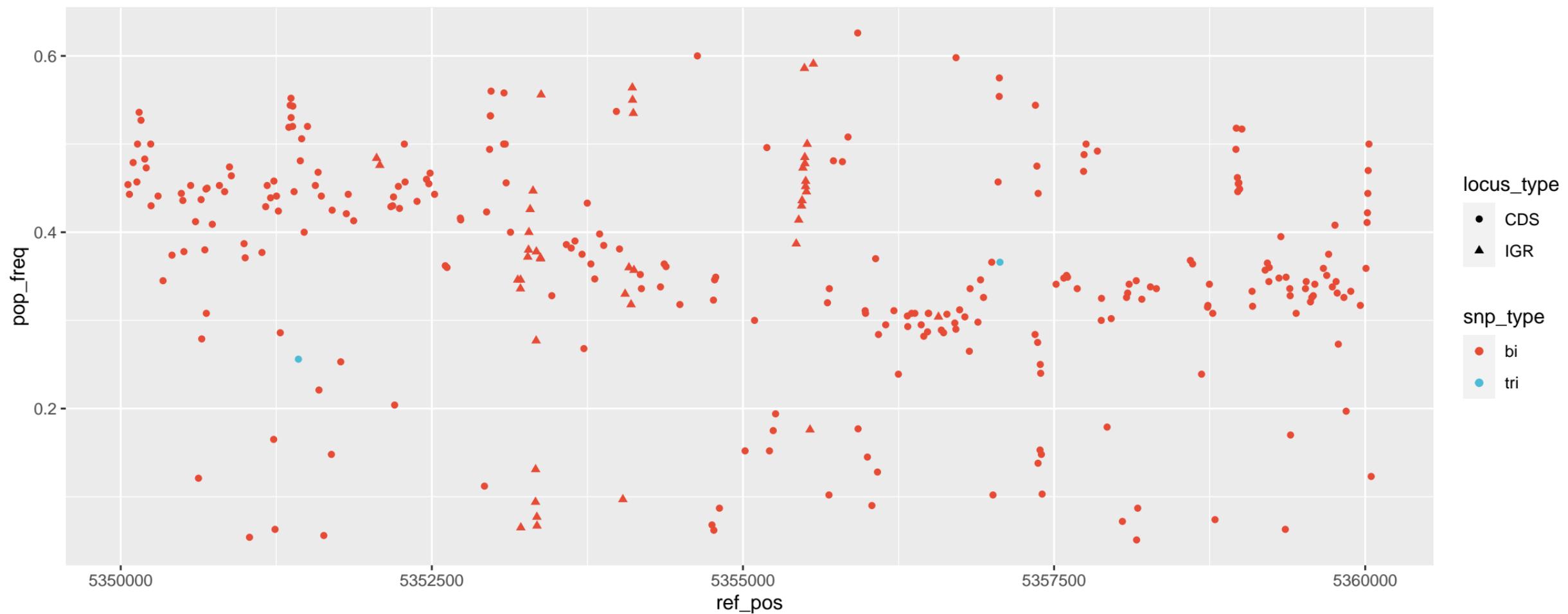
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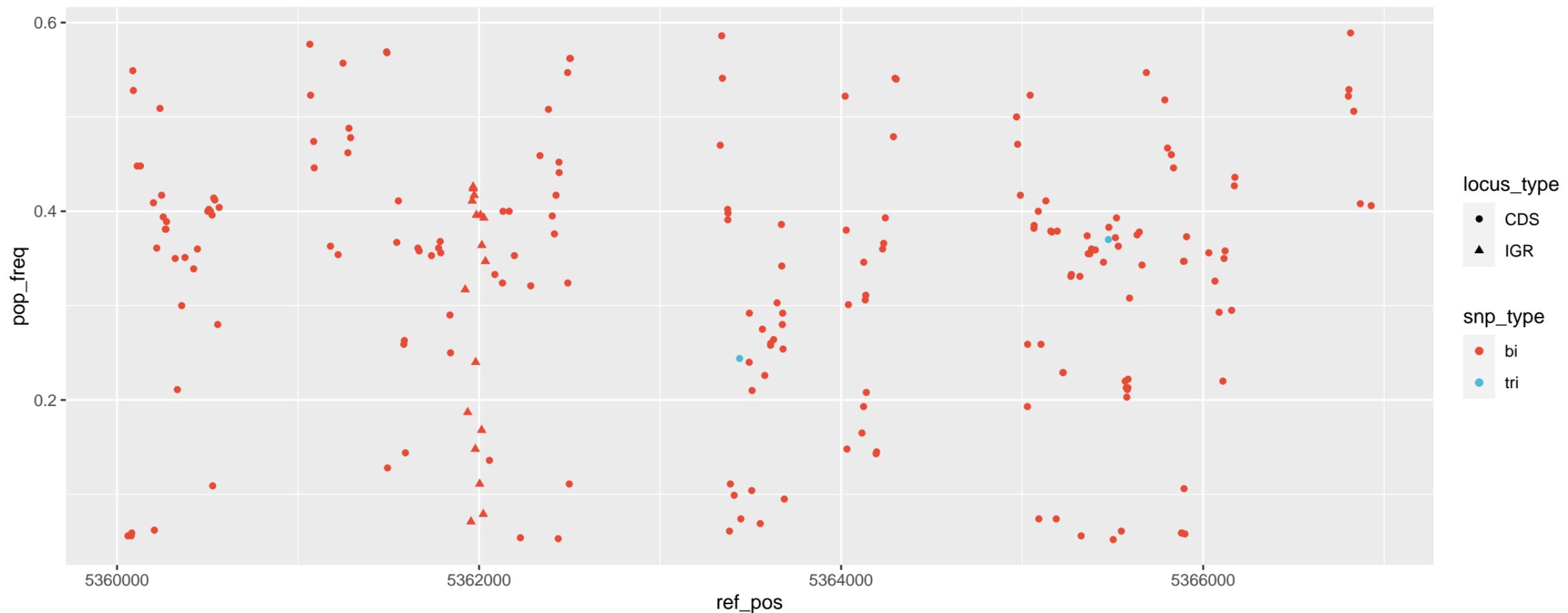
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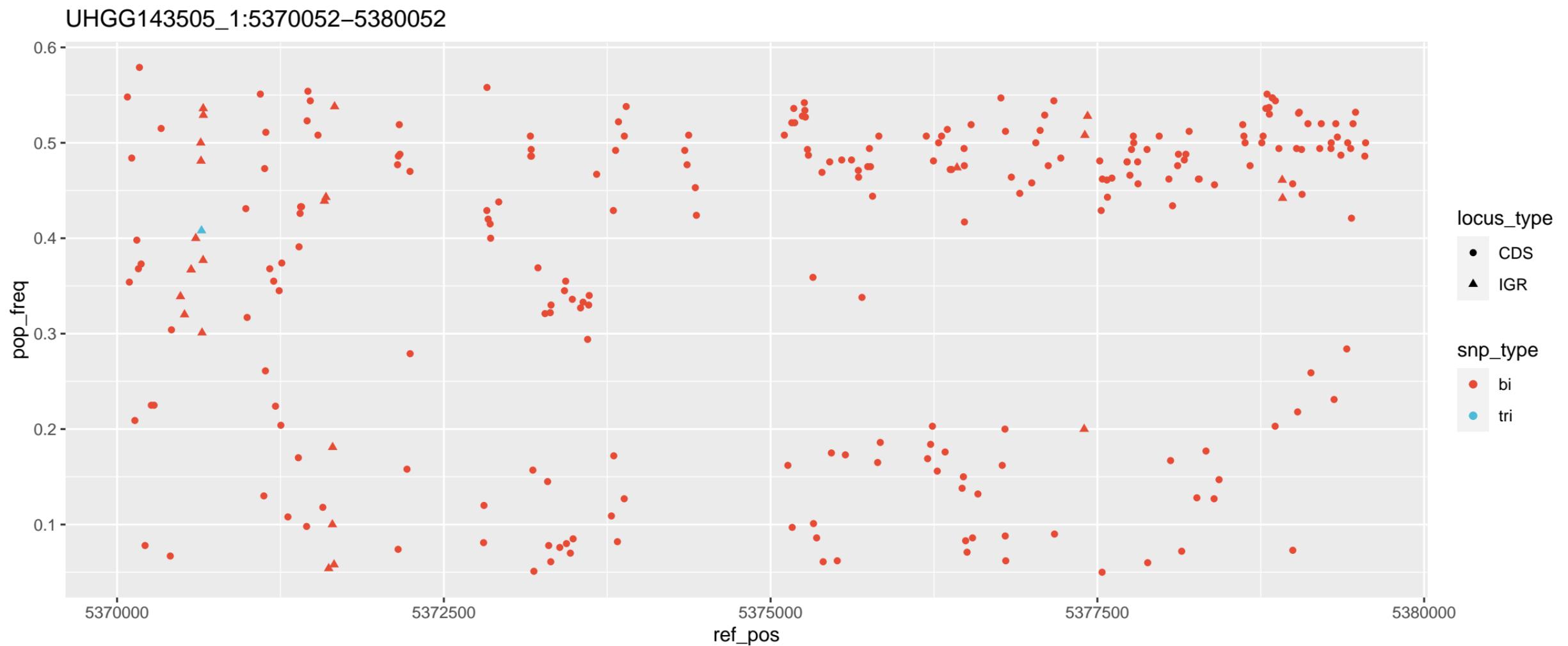


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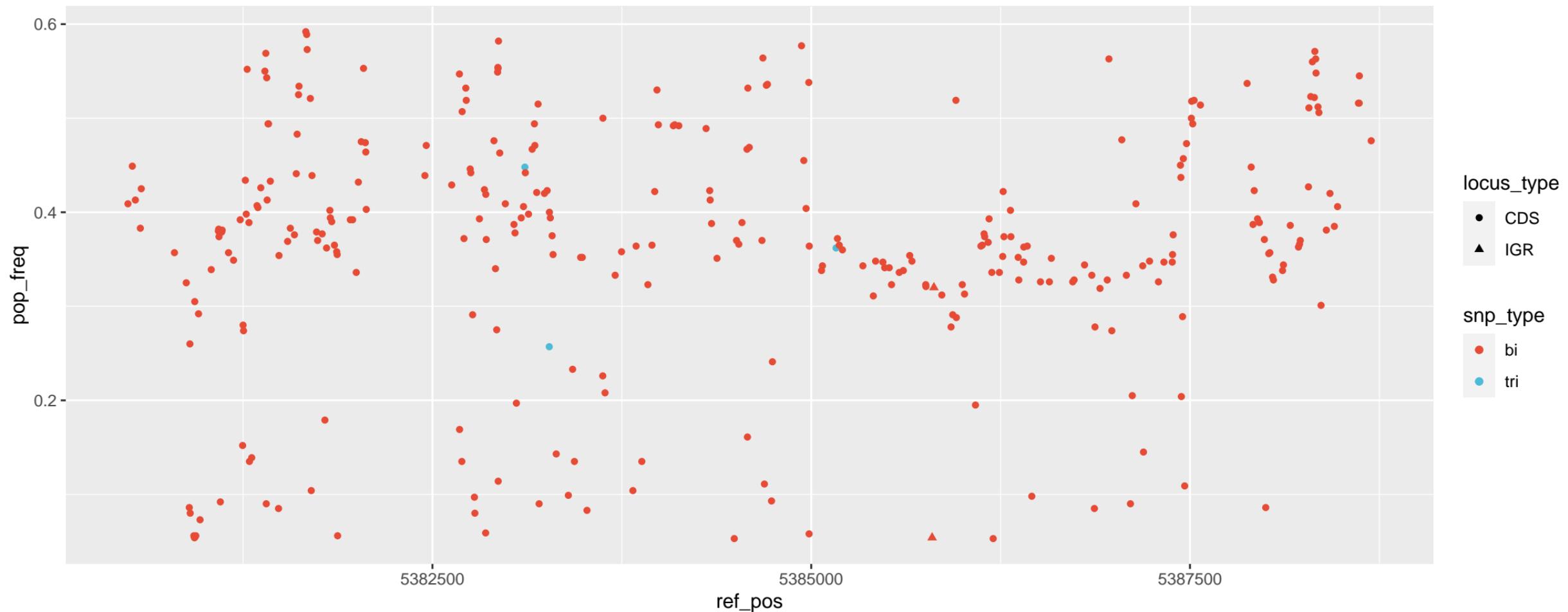


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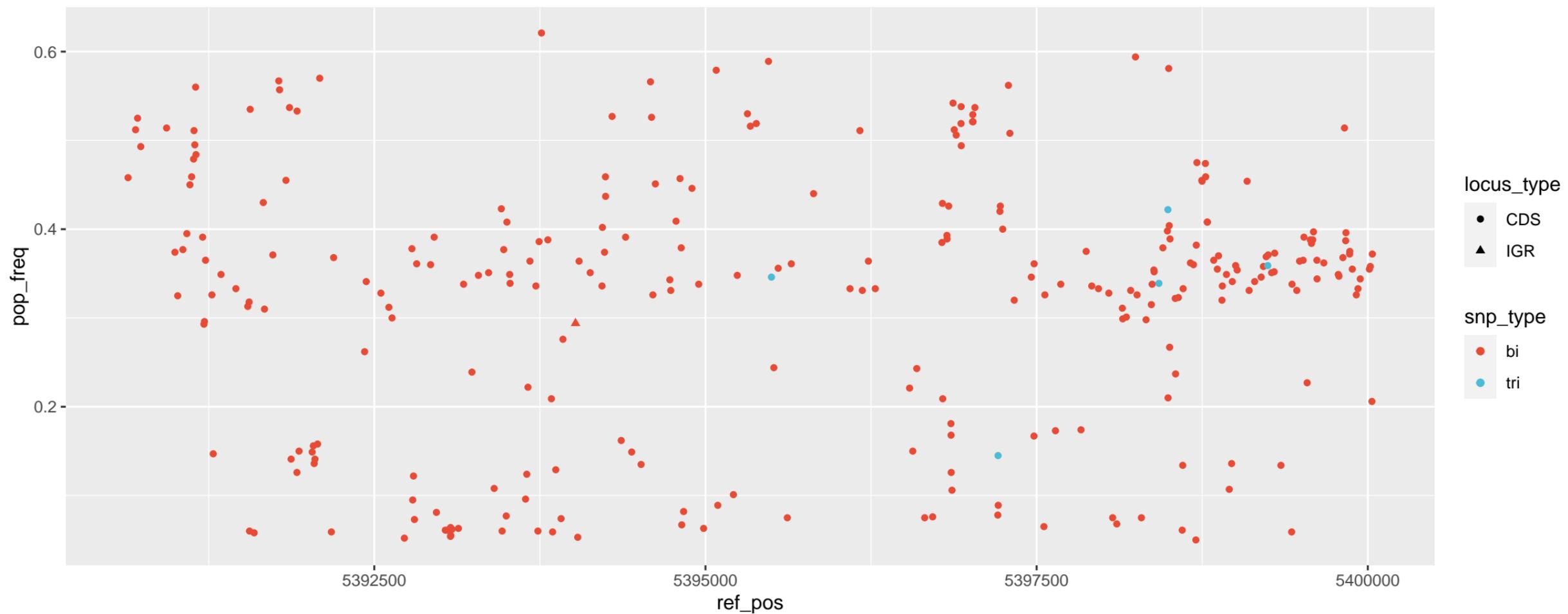




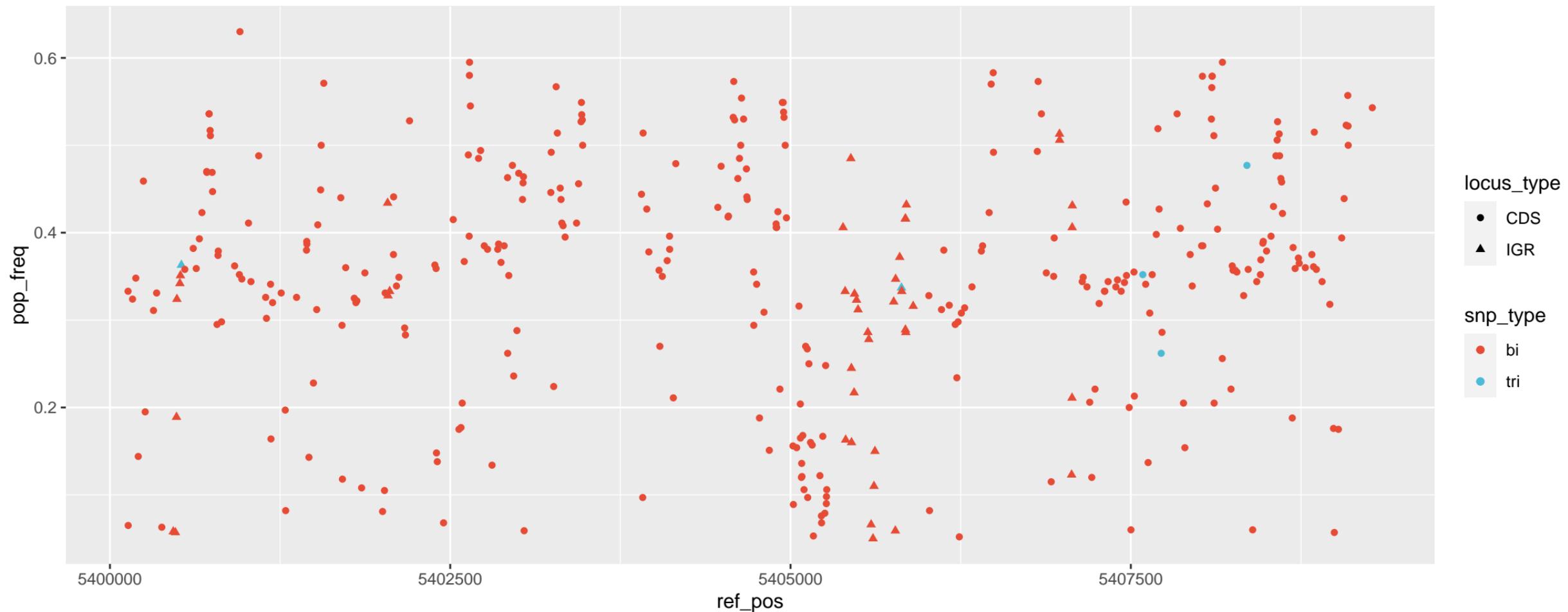
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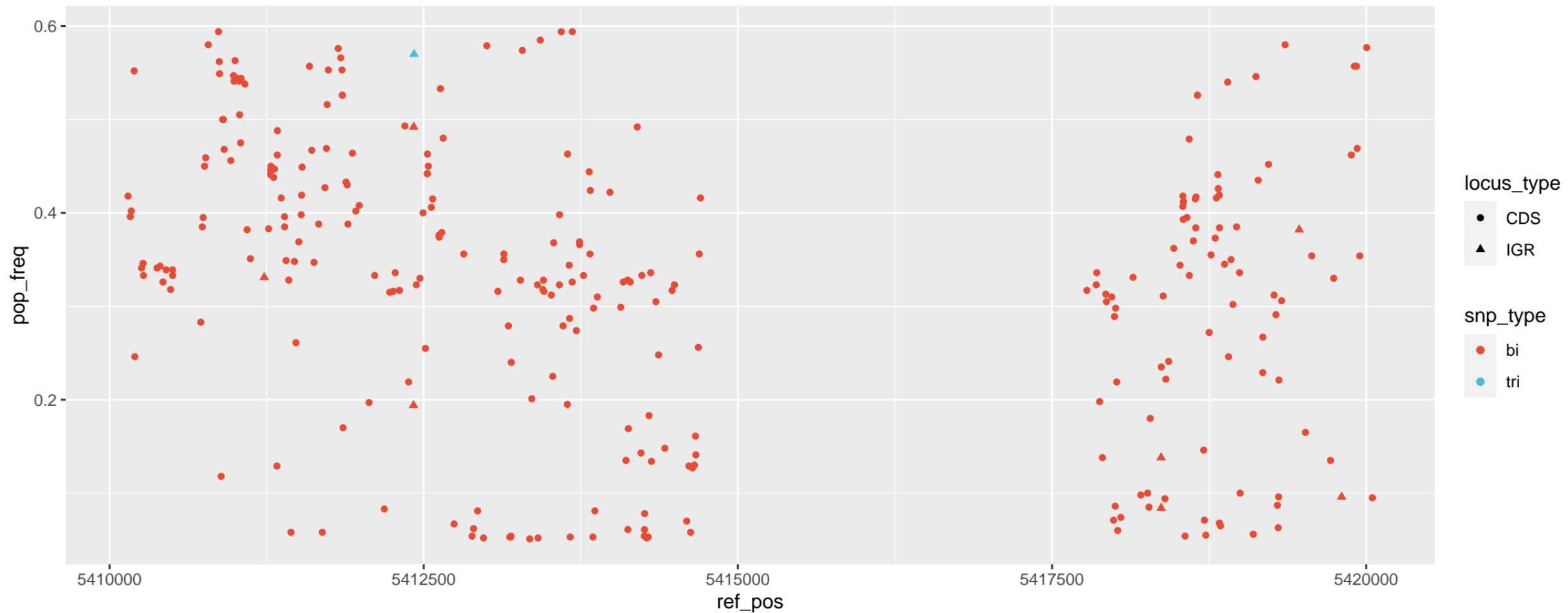
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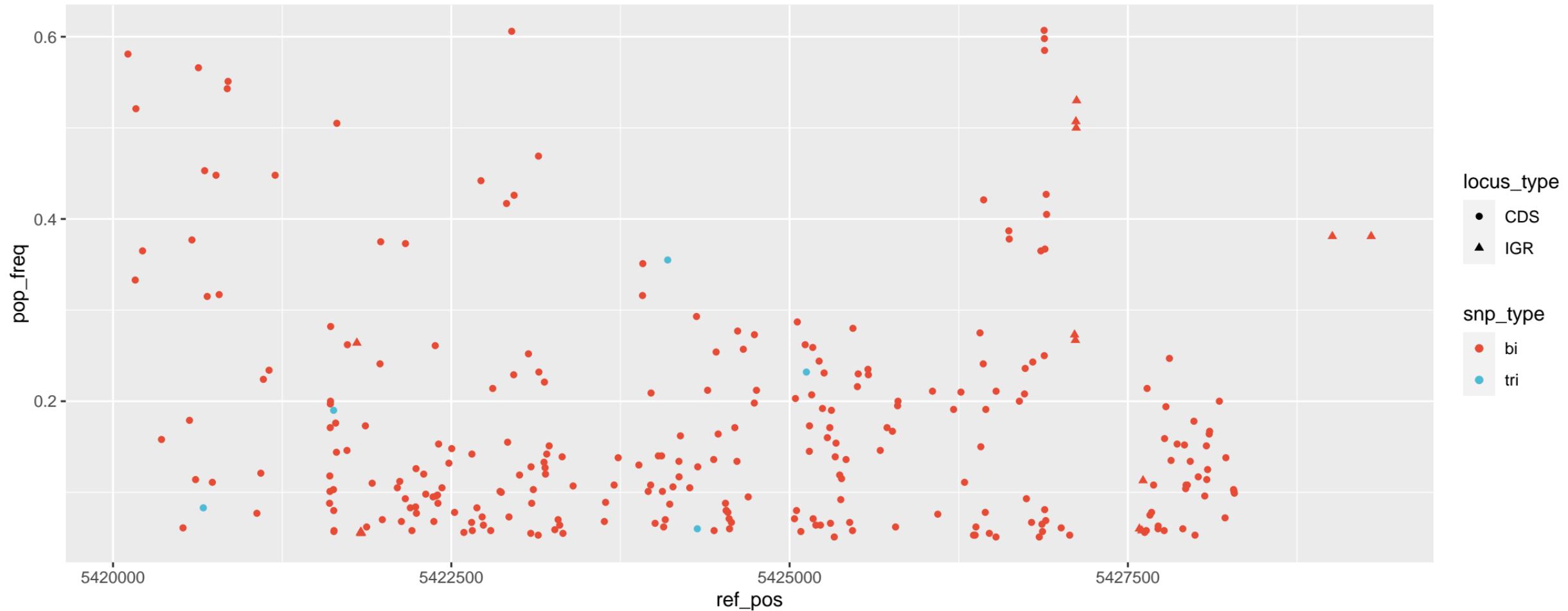
## UHGG143505\_1:5400052–5410052



## UHGG143505\_1:5410052–5420052



## UHGG143505\_1:5420052–5430052



## UHGG143505\_1:5430052–5440052

