



The Elizabeth H.
and James S. McDonnell III

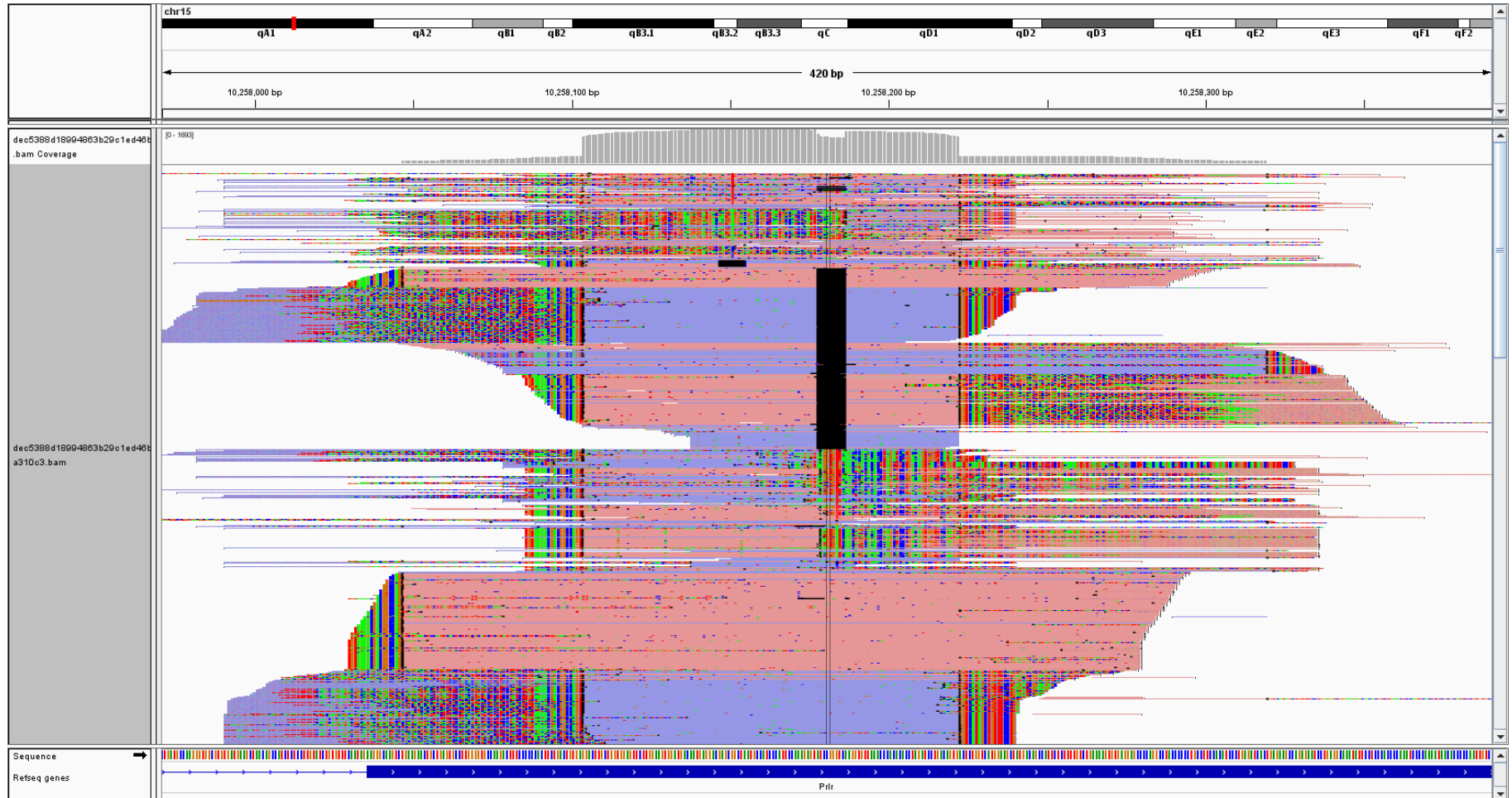
**MCDONNELL
GENOME INSTITUTE**

at Washington University

Screenshots from IGV for *Prlr*
validation of two WGS samples from
FFPE and extension to DCIS samples
by MiSeq

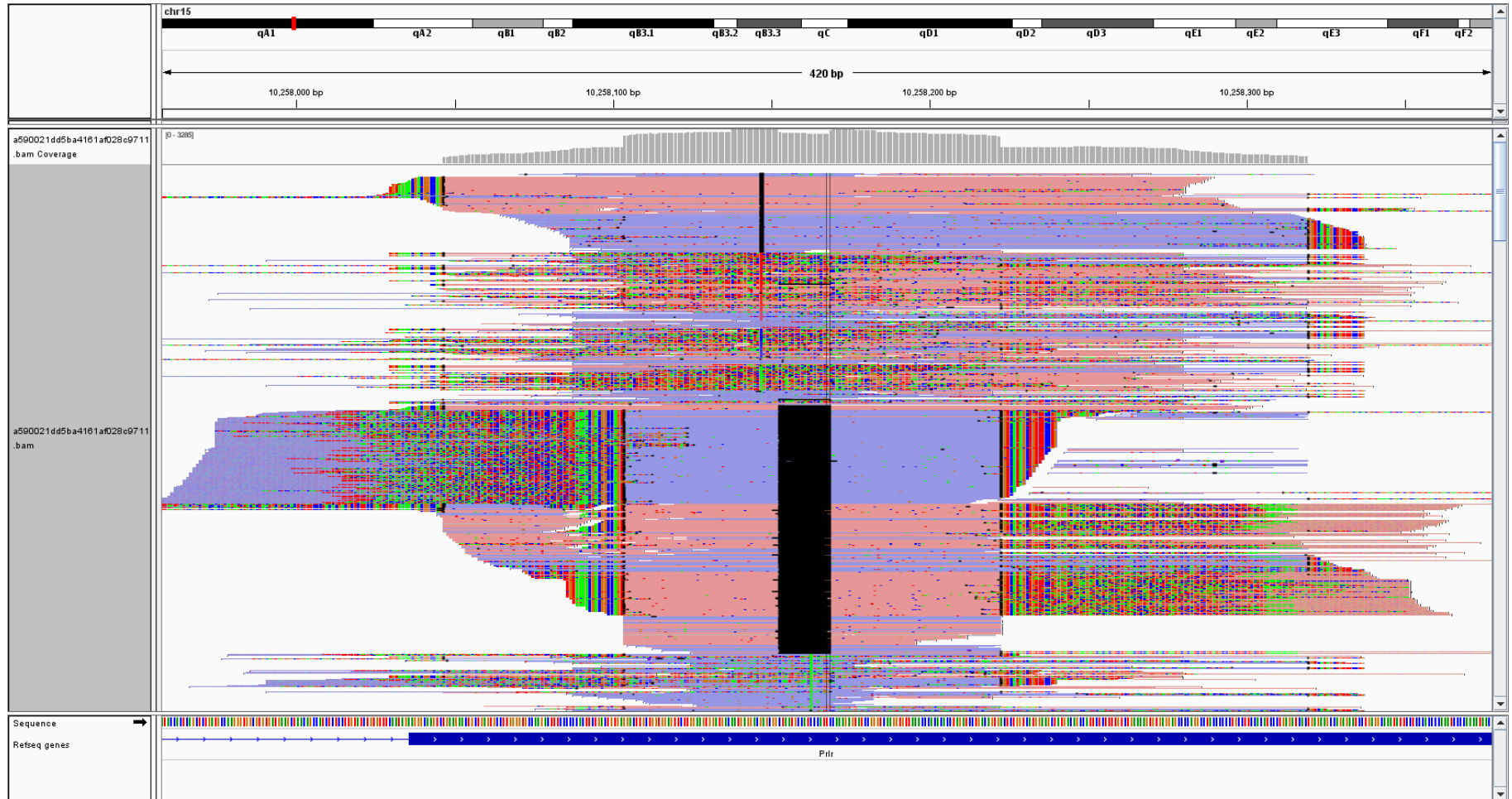
Sample: TAC246 R. ing.

Chromosome	start	stop	reference	variant
15	10258178	10258186	ATCCGGGTC	-

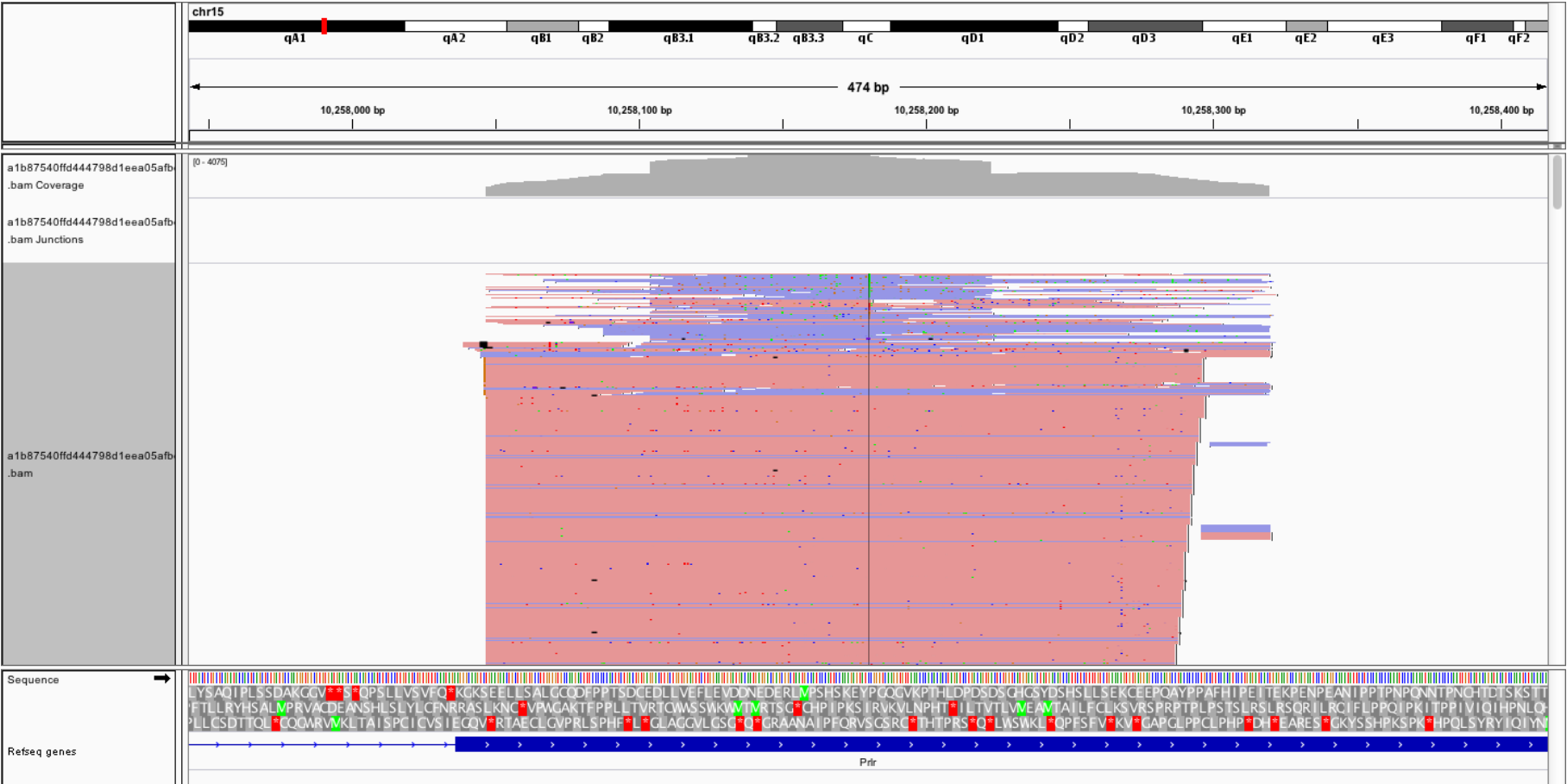


Sample: TAC247 L. cerv.

Chromosome	start	stop	reference	variant
15	10258147	10258147	G	-
15	10258153	10258168	CTAATGCCATCCCATT	-

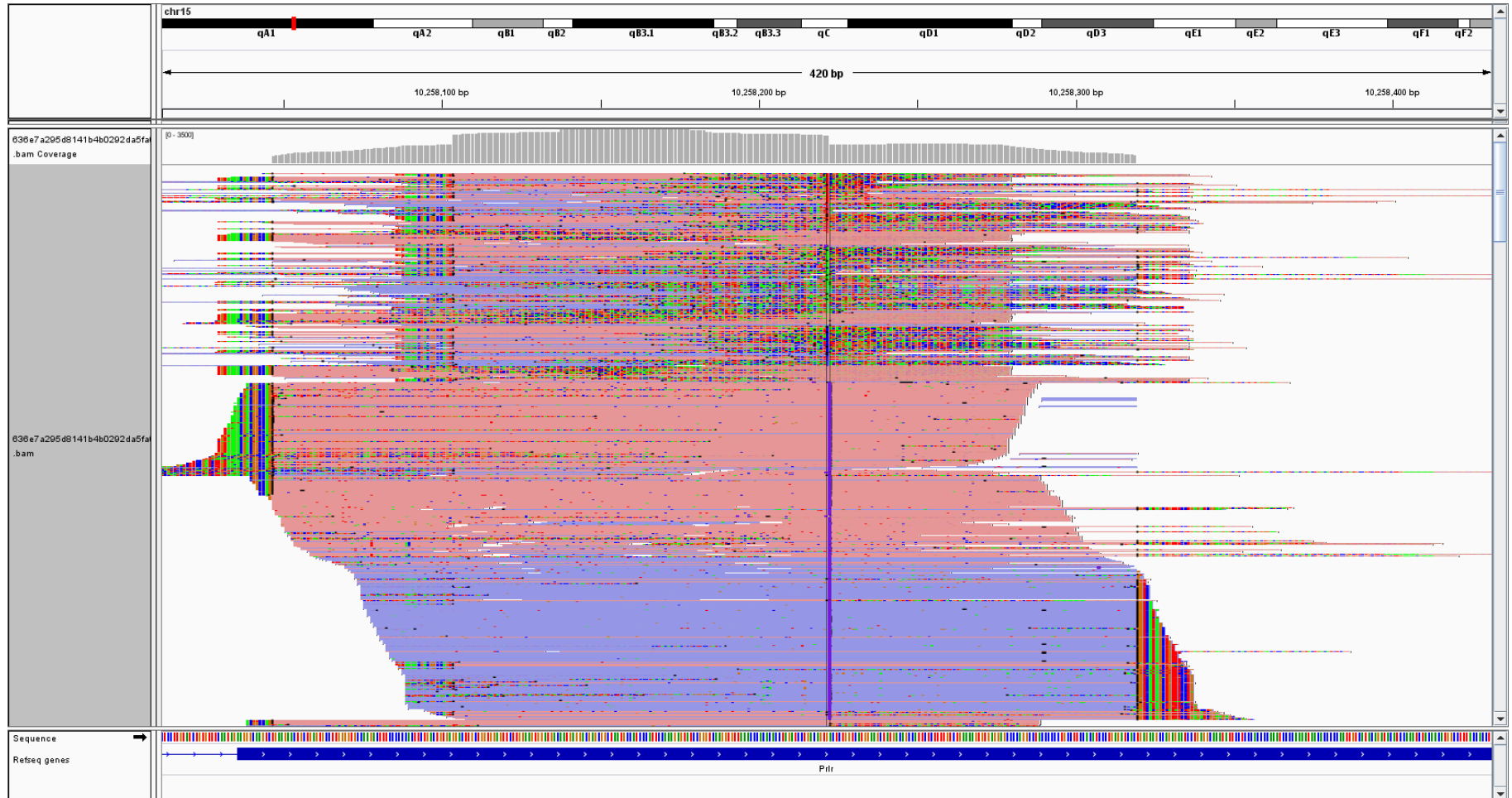


Sample: TAC297 R. tho.



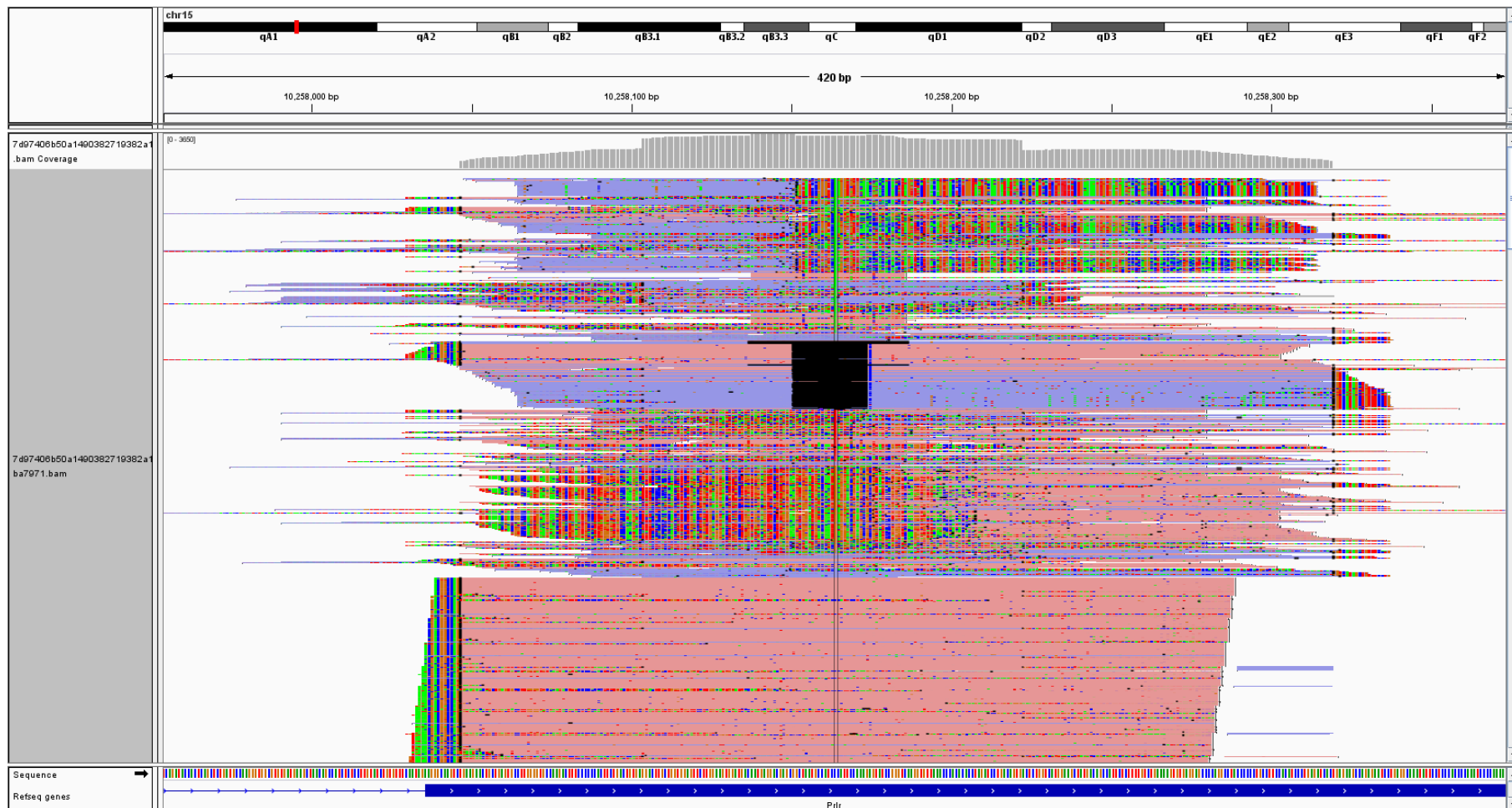
Sample: TAC299 L. tho.

Chromosome	start	stop	reference	variant
15	10258222	10258223	-	A



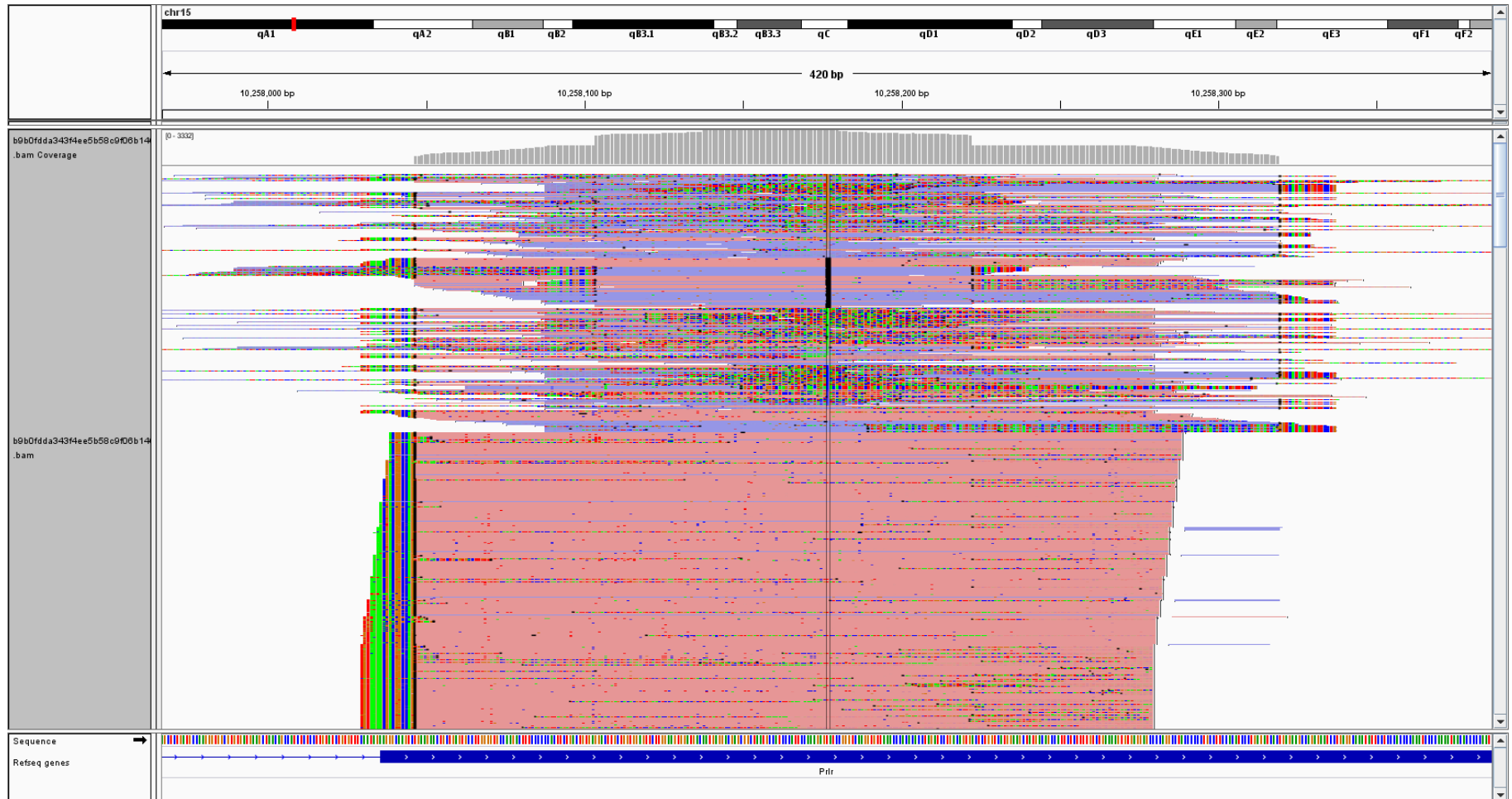
Sample: TAC312 L. tho.

Chromosome	start	stop	reference	variant
15	10258151	10258173	GGCTAATGCCATCCCATTCCAAA	-



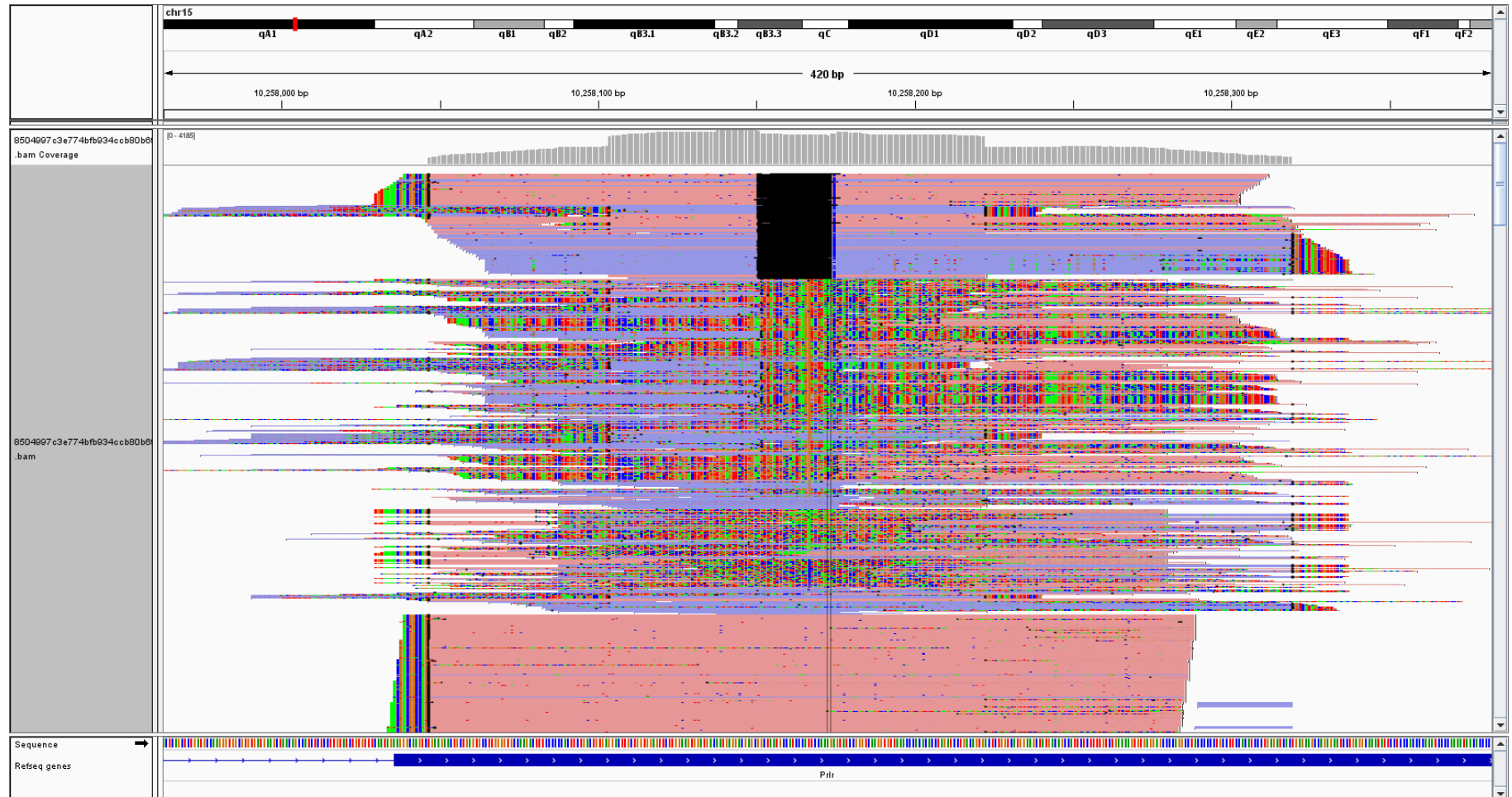
Sample: TAC314 L. tho.

Chromosome	start	stop	reference	variant
15	10258177	10258177	T	-



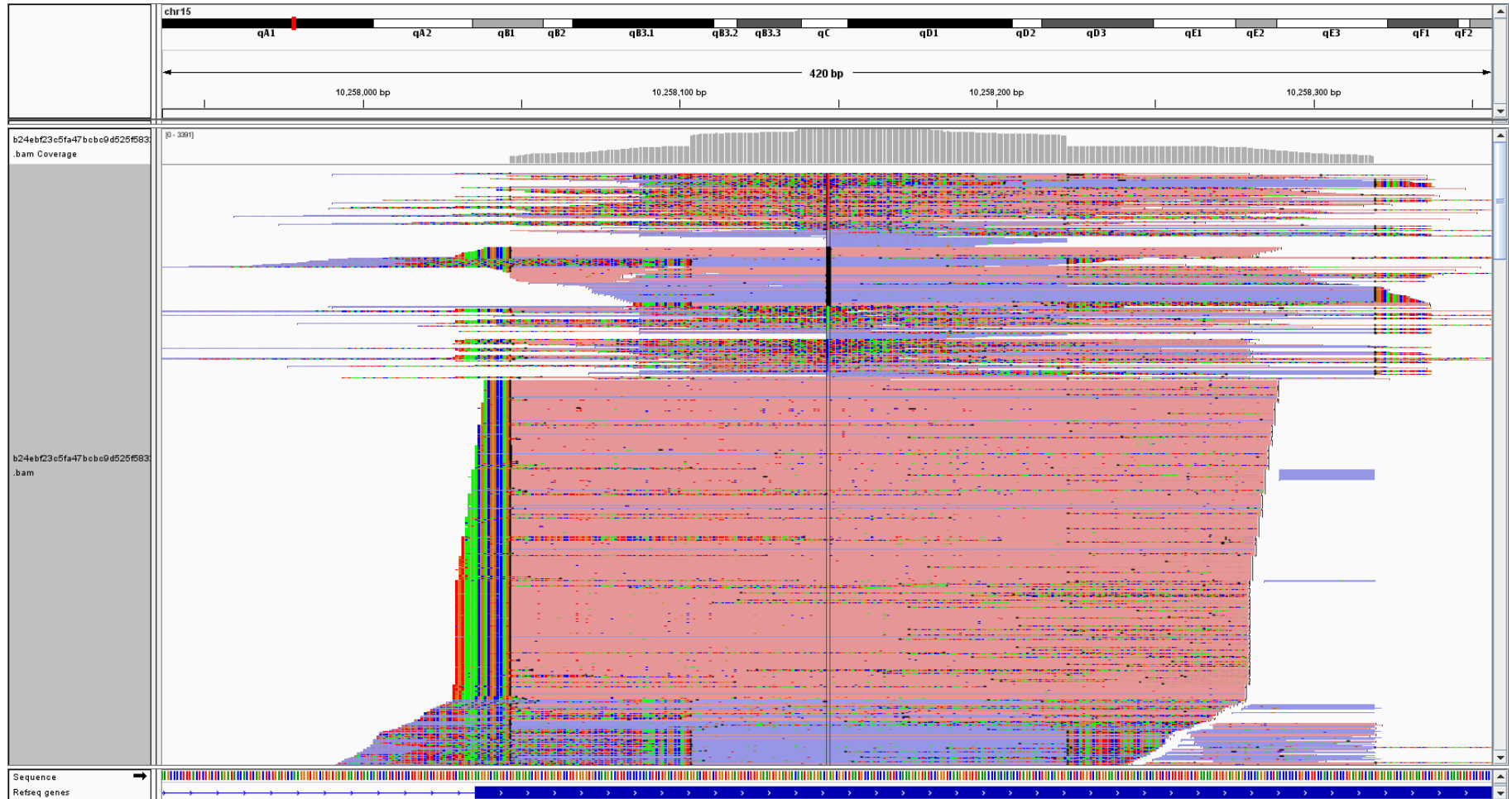
Sample: TAC319 L. ing.

Chromosome	start	stop	reference	variant
15	10258151	10258173	GGCTAATGCCATCCCATTCCAAA	-

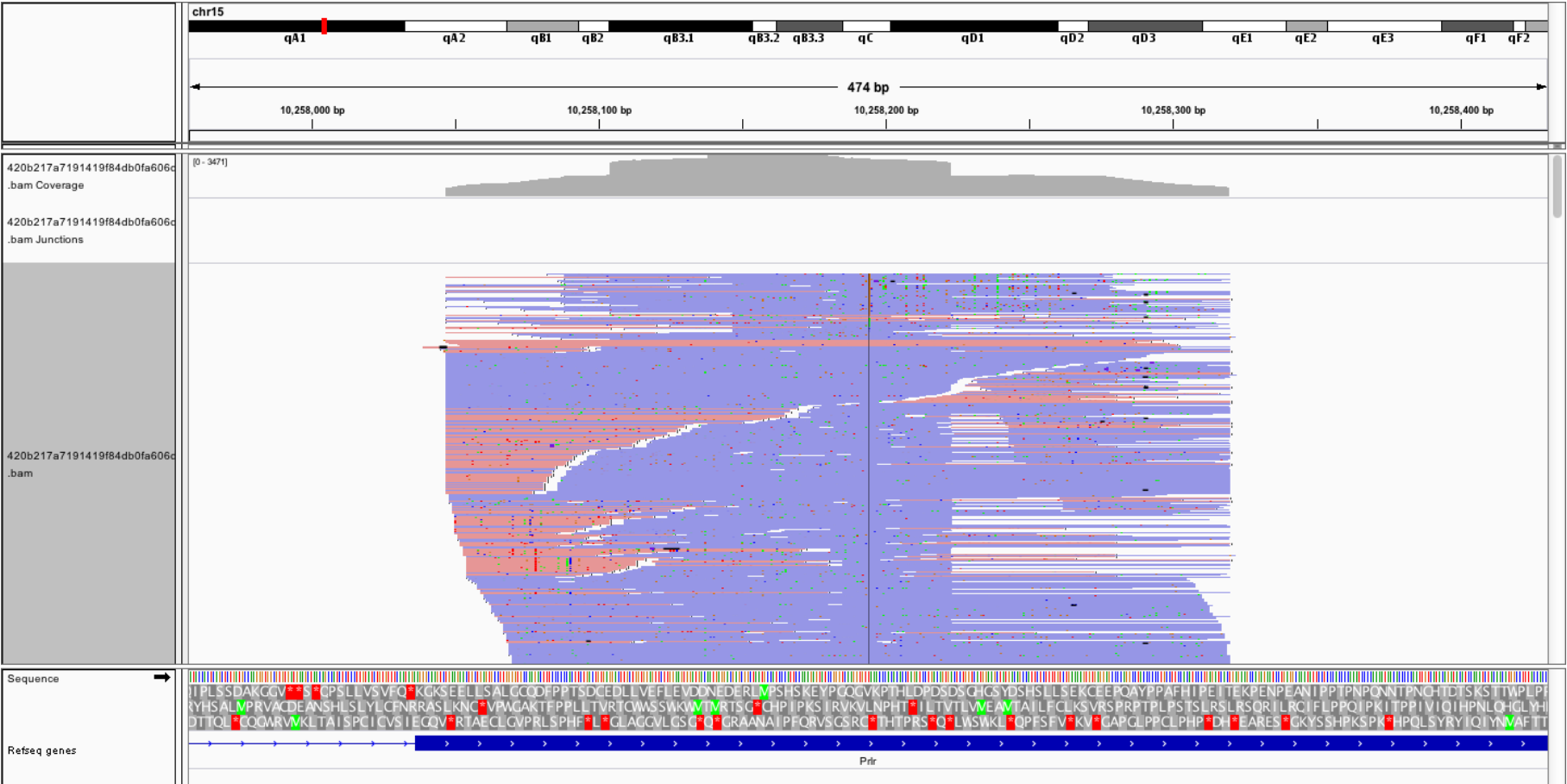


Sample: TAC319 R. ing.

Chromosome	start	stop	reference	variant
15	10258147	10258147	G	-

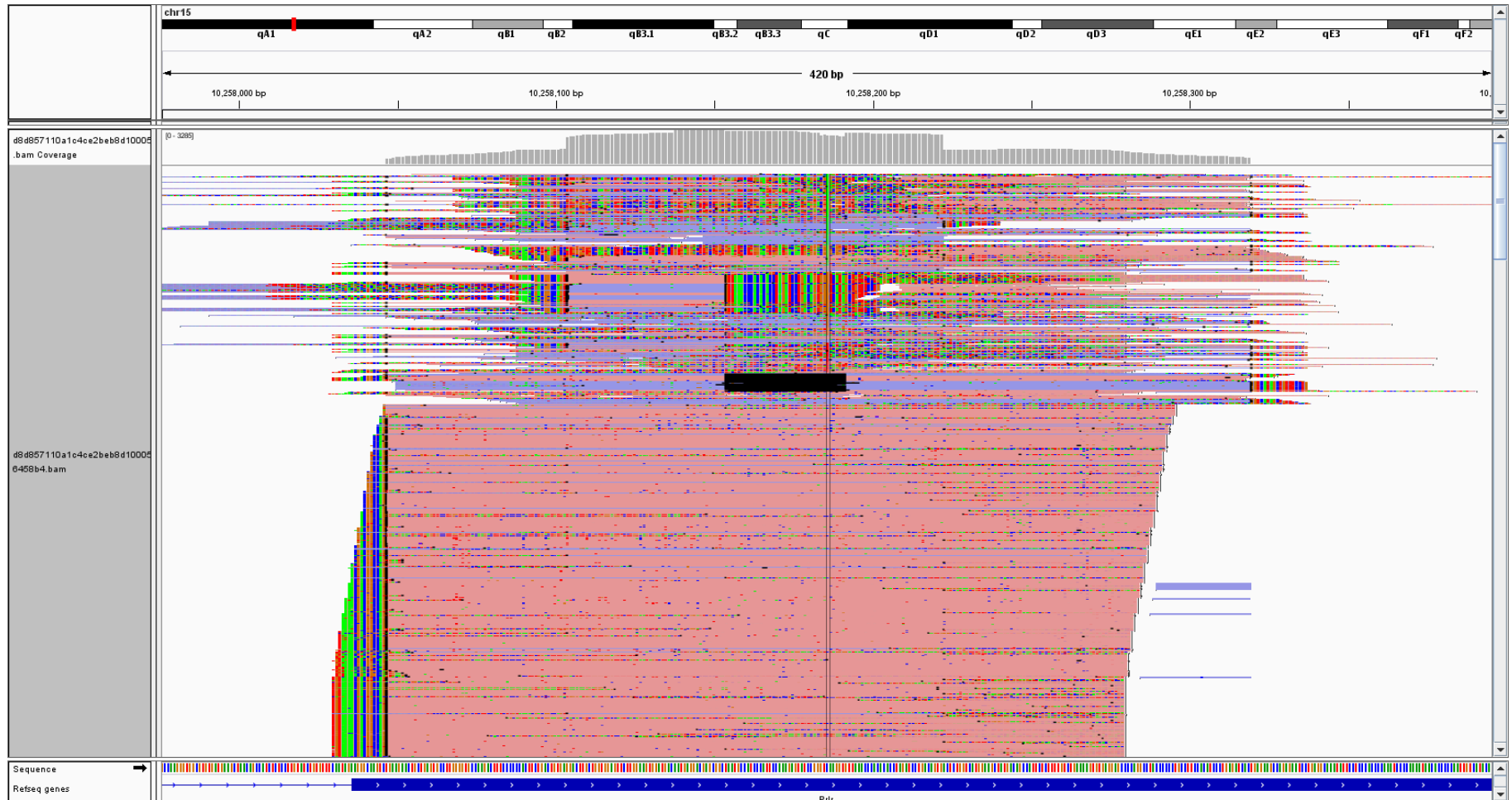


Sample: TAC321 L. tho.



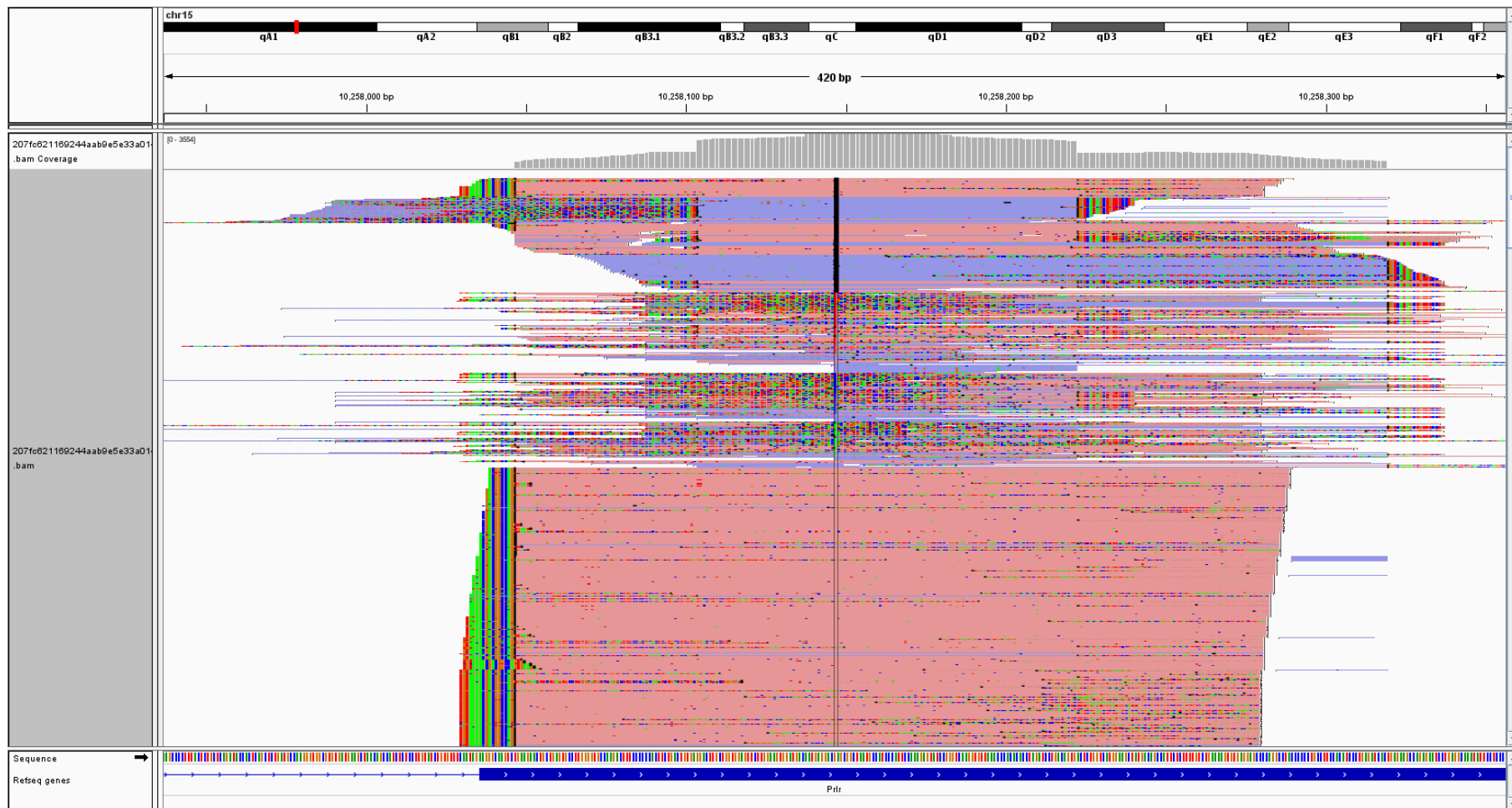
Sample: TAC322 L. tho.

Chromosome	start	stop	reference	variant
15	10258154	10258191	TAATGCCATCCCATTCCAAGAGTATCCGGGTCAAGGT	-



Sample: TAC323 L. tho.

Chromosome	start	stop	reference	variant
15	10258147	10258147	G	-



Summary of mutations

Chr	start	stop	reference	variant	type	Sample	amino_acid_c hange	Total	Var	VAF
15	10258178	10258186	ATCCGGGTC	-	DEL	TAC246 R. ing.	p.YPGQGVK328 in_frame_del*	668932	622	0.0009
15	10258147	10258147	G	-	DEL	TAC247 L. cerv.	p.E318fs	944855	5290	0.0056
15	10258153	10258168	CTAATGCCATCCCATT	-	DEL	TAC247 L. cerv.	p.L320fs	779295	950	0.0012
15	10258222	10258223	-	A	INS	TAC299 L. tho.	p.D343fs	790311	30973	0.0392
15	10258151	10258173	GGCTAATGCCATCCCATTCC AAA	-	DEL	TAC312 L. tho.	p.L320fs	950079	2531	0.0027
15	10258177	10258177	T	-	DEL	TAC314 L. tho.	p.Y328fs	826462	1019	0.0012
15	10258151	10258173	GGCTAATGCCATCCCATTCC AAA	-	DEL	TAC319 L. ing.	p.L320fs	1094462	3401	0.0031
15	10258147	10258147	G	-	DEL	TAC319 R. ing.	p.E318fs	933280	1547	0.0017
15	10258154	10258191	TAATGCCATCCCATTCCAAA GAGTATCCGGGTCAAGGT	-	DEL	TAC322 L. tho.	p.L320fs	896478	346	0.0004
15	10258147	10258147	G	-	DEL	TAC323 L. tho.	p.E318fs	907500	6565	0.0072

Samples lacking mutations: TAC297 R. tho. and TAC321 L. tho.