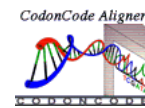


## Page 1 of 1



Genomic tracks for OS2 A1f, OS2 A2f, and NC\_012920\_2 (rDNA) showing sequence alignment and mutations. The top track displays the full sequence from 6960 to 7050. The middle track shows a zoomed-in view of the 7060-7070 region. The bottom track shows the OS2\_kod gene model.

Legend: << OS2 A1r (red), << OS2 A2r (blue), OS2 A1f (green), OS2 A2f (blue), NC\_012920\_2 (rDNA) (red), OS2\_kod (blue).

Sequence alignment (top track):

Position	OS2 A1f	OS2 A2f	NC_012920_2 (rDNA)	OS2_kod
6960	GGA	TTGTATTAGC	AAAATCATCA	CTAGACATCG
6970	TTGTATTAGC	TTGTATTAGC	TTGTATTAGC	TTGTATTAGC
6980	AAAATCATCA	AAAATCATCA	AAAATCATCA	AAAATCATCA
6990	CTAGACATCG	CTAGACATCG	CTAGACATCG	CTAGACATCG
7000	TACTACACGA	TACTACACGA	TACTACACGA	TACTACACGA
7010	CACGTACTAC	CACGTACTAC	CACGTACTAC	CACGTACTAC
7020	GTGTAGGTC	GTGTAGGTC	GTGTAGGTC	GTGTAGGTC
7030	ACTTCCACTA	ACTTCCACTA	ACTTCCACTA	ACTTCCACTA
7040	TGTCTATCA	TGTCTATCA	TGTCTATCA	TGTCTATCA
7050	ATAGGAGGTG	ATAGGAGGTG	ATAGGAGGTG	ATAGGAGGTG

Sequence alignment (middle track, zoomed-in view of 7060-7070):

Position	OS2 A1f	OS2 A2f	NC_012920_2 (rDNA)	OS2_kod
7060	TATTTC	TATTTC	TATTTC	TATTTC
7070	GC	GC	GC	GC

Gene model (bottom track):

Position	OS2_kod
7060	TATTTC
7070	GC