

Manuscript title:

Non-coding RNAome of RPE cells under oxidative stress suggests unknown regulative aspects of Retinitis pigmentosa etiopathogenesis

Author list:

Luigi Donato, Concetta Scimone, Carmela Rinaldi, Rosalia D'Angelo, Antonina Sidoti

GLOBALS

Number of reads	11,214,300
Mapped reads	11,083,950 / 98.84%
Unmapped reads	130,350 / 1.16%
Read min/max/mean length	25 / 339 / 155.03
Duplication rate	37.19%
Mean Mapping Quality	32.92

ACGT CONTENT

Number/percentage of A's	265,538,091 / 23.86%
Number/percentage of C's	295,406,976 / 26.54%
Number/percentage of T's	262,169,642 / 23.56%
Number/percentage of G's	289,877,656 / 26.04%
Number/percentage of N's	0 / 0%
GC Percentage	52.59%

FRAGMENT COUNTING

	Single	% of Total	Paired	% of Total	Total	% of Total Fragments
Counted fragments	7,569,891	100	0	0	7,569,891	67.5
- unique fragments	6,518,196	100	0	0	6,518,196	58.12
- non-specifically	1,051,695	100	0	0	1,051,695	9.38
Uncounted fragments	3,644,409	100	0	0	3,644,409	32.5
Total fragments	11,214,300	100	0	0	11,214,300	100

COUNTED FRAGMENTS BY TYPE (TOTAL)

	Uniquely mapped	Fraction	Non-specifically mapped	Fraction	Mapped	% of total mapped
Exon	2,732,984	0.81	639,430	0.19	3,372,414	44.55
Exon-exon	3,274,971	0.94	227,383	0.06	3,502,354	46.27
Total exon	6,007,955	0.87	866,813	0.13	6,874,768	90.82
Intron	510	0.73	184,882	0.27	695,123	9.18
Total gene	6,518,196	0.86	1,051,695	0.14	7,569,891	100