## Análisis de secuencias: ENSG00000114374.fa

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En este informe analizamos el fichero fasta (.fa) **ENSG00000114374.fa**, que contiene exactamente 96 registros y se encuentra en la carpeta "./Task2". A continuación resumo la tabla siguiente el número de cuentas de Adenina, Guanina, Citosina y Timina de cada registro. También añado el número total de bases nitrogenadas.

Table 1: Contaje de las bases nitrogenadas de cada registro

| Accession.number               | A   | С   | G   | T   | Total |
|--------------------------------|-----|-----|-----|-----|-------|
|                                |     |     |     |     |       |
| ENSG00000114374 ENST0000033898 | 64  | 39  | 50  | 54  | 207   |
| ENSG00000114374 ENST0000042656 | 33  | 25  | 27  | 39  | 124   |
| ENSG00000114374 ENST0000049316 | 3   | 0   | 8   | 5   | 16    |
| ENSG00000114374 ENST0000033898 | 45  | 37  | 26  | 42  | 150   |
| ENSG00000114374 ENST0000045303 | 28  | 27  | 20  | 34  | 109   |
| ENSG00000114374 ENST0000042656 | 72  | 29  | 44  | 67  | 212   |
| ENSG00000114374 ENST0000042656 | 22  | 25  | 24  | 38  | 109   |
| ENSG00000114374 ENST0000042656 | 20  | 11  | 23  | 26  | 80    |
| ENSG00000114374 ENST0000033898 | 53  | 30  | 31  | 43  | 157   |
| ENSG00000114374 ENST0000033898 | 22  | 25  | 24  | 38  | 109   |
| ENSG00000114374 ENST0000042656 | 54  | 22  | 35  | 36  | 147   |
| ENSG00000114374 ENST0000042656 | 53  | 33  | 39  | 45  | 170   |
| ENSG00000114374 ENST0000042656 | 45  | 37  | 26  | 42  | 150   |
| ENSG00000114374 ENST0000042656 | 44  | 31  | 21  | 38  | 134   |
| ENSG00000114374 ENST0000033898 | 56  | 36  | 36  | 28  | 156   |
| ENSG00000114374 ENST0000033898 | 253 | 101 | 188 | 283 | 825   |
| ENSG00000114374 ENST0000042656 | 29  | 17  | 24  | 35  | 105   |
| ENSG00000114374 ENST0000042656 | 57  | 27  | 27  | 42  | 153   |
| ENSG00000114374 ENST0000033898 | 265 | 106 | 177 | 203 | 751   |
| ENSG00000114374 ENST0000042656 | 265 | 106 | 177 | 203 | 751   |
| ENSG00000114374 ENST0000045303 | 122 | 66  | 63  | 83  | 334   |
| ENSG00000114374 ENST0000042656 | 26  | 32  | 18  | 20  | 96    |
| ENSG00000114374 ENST0000042656 | 49  | 20  | 31  | 37  | 137   |
| ENSG00000114374 ENST0000033898 | 24  | 20  | 14  | 31  | 89    |
| ENSG00000114374 ENST0000033898 | 62  | 35  | 39  | 55  | 191   |
| ENSG00000114374 ENST0000042656 | 57  | 52  | 38  | 72  | 219   |
| ENSG00000114374 ENST0000049316 | 56  | 36  | 36  | 28  | 156   |
| ENSG00000114374 ENST0000033898 | 520 | 247 | 263 | 531 | 1561  |
| ENSG00000114374 ENST0000033898 | 77  | 37  | 50  | 49  | 213   |
| ENSG00000114374 ENST0000042656 | 60  | 46  | 57  | 58  | 221   |
| ENSG00000114374 ENST0000033898 | 101 | 36  | 43  | 72  | 252   |
| ENSG00000114374 ENST0000033898 | 35  | 17  | 20  | 24  | 96    |
| ENSG00000114374 ENST0000033898 | 35  | 16  | 21  | 44  | 116   |
| ENSG00000114374 ENST0000033898 | 79  | 39  | 53  | 70  | 241   |
| 1                              |     |     |     |     |       |

| Accession.number               | A   | $\mathbf{C}$ | G   | Τ   | Total |
|--------------------------------|-----|--------------|-----|-----|-------|
| ENSG00000114374 ENST0000045303 | 26  | 32           | 18  | 20  | 96    |
| ENSG00000114374 ENST0000033898 | 32  | 17           | 18  | 21  | 88    |
| ENSG00000114374 ENST0000042656 | 50  | 51           | 48  | 92  | 241   |
| ENSG00000114374 ENST0000033898 | 33  | 16           | 26  | 38  | 113   |
| ENSG00000114374 ENST0000033898 | 74  | 55           | 63  | 87  | 279   |
| ENSG00000114374 ENST0000042656 | 46  | 42           | 31  | 30  | 149   |
| ENSG00000114374 ENST0000033898 | 44  | 31           | 21  | 38  | 134   |
| ENSG00000114374 ENST0000042656 | 36  | 32           | 24  | 39  | 131   |
| ENSG00000114374 ENST0000049316 | 181 | 111          | 120 | 203 | 615   |
| ENSG00000114374 ENST0000033898 | 57  | 27           | 27  | 42  | 153   |
| ENSG00000114374 ENST0000042656 | 61  | 52           | 38  | 70  | 221   |
| ENSG00000114374 ENST0000042656 | 63  | 44           | 47  | 69  | 223   |
| ENSG00000114374 ENST0000042656 | 109 | 50           | 77  | 107 | 343   |
| ENSG00000114374 ENST0000042656 | 27  | 31           | 28  | 22  | 108   |
| ENSG00000114374 ENST0000033898 | 48  | 26           | 29  | 44  | 147   |
| ENSG00000114374 ENST0000033898 | 19  | 10           | 9   | 22  | 60    |
| ENSG00000114374 ENST0000033898 | 61  | 52           | 38  | 70  | 221   |
| ENSG00000114374 ENST0000033898 | 60  | 46           | 57  | 58  | 221   |
| ENSG00000114374 ENST0000047140 | 240 | 166          | 157 | 286 | 849   |
| ENSG00000114374 ENST0000042656 | 54  | 36           | 38  | 58  | 186   |
| ENSG00000114374 ENST0000042656 | 43  | 17           | 27  | 39  | 126   |
| ENSG00000114374 ENST0000042656 | 62  | 35           | 39  | 55  | 191   |
| ENSG00000114374 ENST0000033898 | 20  | 11           | 23  | 26  | 80    |
| ENSG00000114374 ENST0000042656 | 35  | 16           | 21  | 44  | 116   |
| ENSG00000114374 ENST0000033898 | 36  | 32           | 24  | 39  | 131   |
| ENSG00000114374 ENST0000033898 | 48  | 50           | 45  | 83  | 226   |
| ENSG00000114374 ENST0000042656 | 24  | 20           | 14  | 31  | 89    |
| ENSG00000114374 ENST0000042656 | 53  | 30           | 31  | 43  | 157   |
| ENSG00000114374 ENST0000033898 | 109 | 50           | 77  | 107 | 343   |
| ENSG00000114374 ENST0000042656 | 48  | 19           | 31  | 41  | 139   |
| ENSG00000114374 ENST0000042656 | 38  | 30           | 23  | 35  | 126   |
| ENSG00000114374 ENST0000033898 | 38  | 30           | 23  | 35  | 126   |
| ENSG00000114374 ENST0000033898 | 53  | 33           | 39  | 45  | 170   |
| ENSG00000114374 ENST0000033898 | 54  | 14           | 28  | 46  | 142   |
| ENSG00000114374 ENST0000042656 | 36  | 28           | 24  | 33  | 121   |
| ENSG00000114374 ENST0000033898 | 41  | 21           | 26  | 42  | 130   |
| ENSG00000114374 ENST0000042656 | 77  | 37           | 50  | 49  | 213   |
| ENSG00000114374 ENST0000033898 | 54  | 22           | 35  | 36  | 147   |
| ENSG00000114374 ENST0000033898 | 72  | 29           | 44  | 67  | 212   |
| ENSG00000114374 ENST0000033898 | 43  | 17           | 27  | 39  | 126   |
| ENSG00000114374 ENST0000042656 | 41  | 21           | 26  | 42  | 130   |
| ENSG00000114374 ENST0000042656 | 48  | 26           | 29  | 44  | 147   |
| ENSG00000114374 ENST0000033898 | 48  | 19           | 31  | 41  | 139   |
| ENSG00000114374 ENST0000042656 | 64  | 39           | 50  | 54  | 207   |
| ENSG00000114374 ENST0000042656 | 74  | 55           | 63  | 87  | 279   |
| ENSG00000114374 ENST0000033898 | 29  | 17           | 24  | 35  | 105   |
| ENSG00000114374 ENST0000042656 | 54  | 14           | 28  | 46  | 142   |
| ENSG00000114374 ENST0000042656 | 79  | 39           | 53  | 70  | 241   |
| ENSG00000114374 ENST0000033898 | 36  | 28           | 24  | 33  | 121   |
| ENSG00000114374 ENST0000033898 | 57  | 52           | 38  | 72  | 219   |
| ENSG00000114374 ENST0000042656 | 101 | 36           | 43  | 72  | 252   |
| ENSG00000114374 ENST0000042656 | 32  | 17           | 18  | 21  | 88    |
|                                |     |              |     |     |       |

| Accession.number               | A   | С   | G   | Т   | Total |
|--------------------------------|-----|-----|-----|-----|-------|
| ENSG00000114374 ENST0000042656 | 46  | 34  | 41  | 53  | 174   |
| ENSG00000114374 ENST0000033898 | 63  | 44  | 47  | 69  | 223   |
| ENSG00000114374 ENST0000033898 | 49  | 20  | 31  | 37  | 137   |
| ENSG00000114374 ENST0000033898 | 46  | 34  | 41  | 53  | 174   |
| ENSG00000114374 ENST0000042656 | 520 | 247 | 263 | 531 | 1561  |
| ENSG00000114374 ENST0000042656 | 35  | 17  | 20  | 24  | 96    |
| ENSG00000114374 ENST0000033898 | 54  | 36  | 38  | 58  | 186   |
| ENSG00000114374 ENST0000033898 | 33  | 25  | 27  | 39  | 124   |
| ENSG00000114374 ENST0000033898 | 46  | 42  | 31  | 30  | 149   |
| ENSG00000114374 ENST0000042656 | 33  | 16  | 26  | 38  | 113   |