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|  | **k31 Growth Rate** | | | |
| **-** | 0.000 | 0.521 | 0.473 | 0.008 |
| **-** | 0.000 | -2.706 | -0.701 | 0.000 |
| **-** | 0.031 | 0.349 | 0.242 | 0.111 |
| **-** | 0.881 | 0.026 | -0.104 | 0.476 |
| **-** | 0.138 | 0.229 | -0.055 | 0.751 |
| **-** | 0.000 | -4.517 | -0.838 | 0.000 |
| **-** | 0.031 | -0.419 | -0.307 | 0.033 |
| **-** | 0.000 | -5.103 | -0.895 | 0.000 |
| **-** | 0.000 | 0.915 | 3.424 | 0.000 |
| **-** | 0.000 | -4.341 | -0.876 | 0.000 |
| **-** | 0.358 | -0.162 | -0.247 | 0.087 |
| **-** | 0.000 | -4.274 | -0.894 | 0.000 |
| **-** | 0.841 | 0.035 | -0.183 | 0.278 |
| **-** | 0.000 | 0.922 | 5.859 | 0.000 |
| **-** | 0.220 | -0.192 | -0.264 | 0.104 |
| **-** | 0.007 | -0.587 | -0.579 | 0.000 |
| **-** | 0.010 | 0.406 | 0.187 | 0.250 |
| **-** | 0.028 | 0.293 | 0.347 | 0.084 |
| **-** | 0.000 | 0.709 | 0.630 | 0.010 |
| **-** | 0.001 | 0.446 | 0.496 | 0.013 |
| **-** | 0.000 | 0.960 | 5.277 | 0.000 |
| **-** | 0.000 | -4.524 | -0.885 | 0.000 |
|  | **p-value -** | **down -** | **up -** | **p-value -** |

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|  | **k31 Ve Max** | | | |
| **-** | 0.469 | -0.199 | -0.074 | 0.023 |
| **-** | 0.000 | 0.334 | 0.822 | 0.002 |
| **-** | 0.072 | -0.197 | -0.243 | 0.026 |
| **-** | 0.882 | -0.133 | -0.017 | 0.111 |
| **-** | 0.453 | 0.005 | -0.097 | 0.972 |
| **-** | 0.000 | 0.182 | 0.963 | 0.063 |
| **-** | 0.250 | -0.057 | 0.120 | 0.564 |
| **-** | 0.000 | 0.179 | 1.302 | 0.082 |
| **-** | 0.026 | -0.766 | -0.227 | 0.000 |
| **-** | 0.000 | 0.194 | 0.967 | 0.062 |
| **-** | 0.713 | -0.022 | 0.038 | 0.840 |
| **-** | 0.003 | 0.120 | 0.839 | 0.202 |
| **-** | 0.005 | 0.220 | 0.333 | 0.077 |
| **-** | 0.000 | -2.615 | -0.734 | 0.000 |
| **-** | 0.014 | 0.052 | 0.225 | 0.668 |
| **-** | 0.100 | 0.127 | 0.214 | 0.282 |
| **-** | 0.318 | -0.244 | -0.116 | 0.012 |
| **-** | 0.333 | -0.128 | 0.080 | 0.218 |
| **-** | 0.218 | -0.116 | -0.149 | 0.357 |
| **-** | 0.512 | -0.144 | 0.055 | 0.167 |
| **-** | 0.001 | -1.172 | -0.360 | 0.000 |
| **-** | 0.003 | 0.043 | 0.738 | 0.640 |
|  | **p-value -** | **down -** | **up -** | **p-value -** |

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|  | **k31 IFNe Max** | | | |
| **-** | 0.025 | -0.091 | -0.089 | 0.012 |
| **-** | 0.000 | 0.179 | 0.132 | 0.002 |
| **-** | 0.058 | -0.105 | -0.053 | 0.116 |
| **-** | 0.845 | -0.009 | -0.003 | 0.928 |
| **-** | 0.215 | -0.062 | 0.010 | 0.843 |
| **-** | 0.000 | 0.636 | 0.732 | 0.000 |
| **-** | 0.009 | 0.112 | 0.050 | 0.198 |
| **-** | 0.000 | 0.701 | 0.763 | 0.000 |
| **-** | 0.000 | -0.512 | -0.399 | 0.000 |
| **-** | 0.000 | 0.620 | 0.733 | 0.000 |
| **-** | 0.000 | 0.342 | 0.801 | 0.000 |
| **-** | 0.000 | 0.729 | 2.224 | 0.000 |
| **-** | 0.295 | -0.043 | 0.015 | 0.786 |
| **-** | 0.987 | 0.001 | -0.535 | 0.000 |
| **-** | 0.035 | 0.075 | 0.046 | 0.338 |
| **-** | 0.218 | 0.064 | 0.087 | 0.046 |
| **-** | 0.012 | -0.117 | -0.084 | 0.030 |
| **-** | 0.000 | -0.325 | -0.227 | 0.000 |
| **-** | 0.000 | -2.030 | -0.467 | 0.000 |
| **-** | 0.000 | -1.132 | -0.426 | 0.000 |
| **-** | 0.000 | -0.245 | -0.387 | 0.000 |
| **-** | 0.000 | 0.498 | 0.420 | 0.000 |
|  | **p-value -** | **down -** | **up -** | **p-value -** |

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|  | **k31 Ve AUC** | | | |
| **-** | 0.008 | 0.286 | 0.272 | 0.006 |
| **-** | 0.000 | -1.208 | -0.497 | 0.000 |
| **-** | 0.022 | 0.313 | 0.183 | 0.058 |
| **-** | 0.758 | 0.038 | 0.011 | 0.901 |
| **-** | 0.234 | 0.156 | -0.019 | 0.888 |
| **-** | 0.000 | -1.617 | -0.443 | 0.000 |
| **-** | 0.043 | -0.229 | -0.075 | 0.463 |
| **-** | 0.000 | -2.055 | -0.489 | 0.000 |
| **-** | 0.000 | 0.517 | 1.110 | 0.000 |
| **-** | 0.000 | -1.625 | -0.450 | 0.000 |
| **-** | 0.991 | -0.001 | -0.094 | 0.409 |
| **-** | 0.000 | -1.543 | -0.429 | 0.000 |
| **-** | 0.238 | -0.144 | -0.188 | 0.147 |
| **-** | 0.000 | 0.822 | 4.979 | 0.000 |
| **-** | 0.005 | -0.297 | -0.127 | 0.301 |
| **-** | 0.005 | -0.462 | -0.376 | 0.001 |
| **-** | 0.033 | 0.257 | 0.238 | 0.033 |
| **-** | 0.313 | 0.090 | 0.127 | 0.280 |
| **-** | 0.005 | 0.337 | 0.242 | 0.115 |
| **-** | 0.215 | 0.117 | 0.246 | 0.037 |
| **-** | 0.000 | 0.617 | 1.957 | 0.000 |
| **-** | 0.000 | -1.391 | -0.363 | 0.000 |
|  | **p-value -** | **down -** | **up -** | **p-value -** |

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|  | **Baseline IFNe AUC** | | | |
| **-** | 0.047 | -0.141 | -0.142 | 0.019 |
| **-** | 0.002 | 0.241 | 0.205 | 0.006 |
| **-** | 0.067 | -0.177 | -0.089 | 0.128 |
| **-** | 0.828 | -0.017 | -0.013 | 0.823 |
| **-** | 0.236 | -0.104 | 0.023 | 0.792 |
| **-** | 0.000 | 0.676 | 0.884 | 0.000 |
| **-** | 0.035 | 0.152 | 0.057 | 0.392 |
| **-** | 0.000 | 0.761 | 0.942 | 0.000 |
| **-** | 0.000 | -0.685 | -0.456 | 0.000 |
| **-** | 0.000 | 0.651 | 0.888 | 0.000 |
| **-** | 0.000 | 0.285 | 0.617 | 0.000 |
| **-** | 0.000 | 0.725 | 2.051 | 0.000 |
| **-** | 0.342 | -0.068 | 0.031 | 0.743 |
| **-** | 0.496 | -0.039 | -0.536 | 0.003 |
| **-** | 0.042 | 0.125 | 0.075 | 0.374 |
| **-** | 0.312 | 0.089 | 0.141 | 0.065 |
| **-** | 0.025 | -0.180 | -0.130 | 0.045 |
| **-** | 0.000 | -0.308 | -0.236 | 0.001 |
| **-** | 0.000 | -1.718 | -0.440 | 0.000 |
| **-** | 0.000 | -0.863 | -0.403 | 0.000 |
| **-** | 0.000 | -0.384 | -0.433 | 0.001 |
| **-** | 0.000 | 0.515 | 0.524 | 0.000 |
|  | **p-value -** | **down -** | **up -** | **p-value -** |