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| --- | --- | --- | --- | --- |
| **Supplementary Table2. Univariate Cox analysis of ARSN in training cohort** | | | | |
|  |  |  |  |  |
| **Gene Symbol** | **HR** | **HR.95L** | **HR.95H** | **p-value** |
| **IARS2** | 0.992 | 0.976 | 1.008 | 0.320 |
| **AARS1** | 1.031 | 1.002 | 1.060 | 0.033 |
| **EARS2** | 0.993 | 0.864 | 1.141 | 0.922 |
| **SARS2** | 0.767 | 0.276 | 2.133 | 0.611 |
| **GARS1** | 1.098 | 1.013 | 1.189 | 0.022 |
| **CARS1** | 1.056 | 0.975 | 1.144 | 0.181 |
| **HARS2** | 1.120 | 1.010 | 1.242 | 0.032 |
| **TARS1** | 1.027 | 1.007 | 1.047 | 0.007 |
| **RARS1** | 1.049 | 1.010 | 1.090 | 0.014 |
| **DARS1** | 1.057 | 1.009 | 1.106 | 0.019 |
| **FARSB** | 1.146 | 1.039 | 1.263 | 0.006 |
| **WARS2** | 1.020 | 0.903 | 1.152 | 0.750 |
| **DARS2** | 1.134 | 1.056 | 1.218 | 0.001 |
| **AARS2** | 0.986 | 0.874 | 1.112 | 0.818 |
| **LARS1** | 1.181 | 0.986 | 1.415 | 0.070 |
| **NARS1** | 1.021 | 1.005 | 1.039 | 0.013 |
| **YARS1** | 1.148 | 1.093 | 1.206 | 0.000 |
| **CARS2** | 1.141 | 1.051 | 1.240 | 0.002 |
| **VARS2** | 0.026 | 0.000 | 252.858 | 0.436 |
| **NARS2** | 1.046 | 0.950 | 1.151 | 0.361 |
| **YARS2** | 1.133 | 1.001 | 1.281 | 0.048 |
| **WARS1** | 1.025 | 1.003 | 1.047 | 0.028 |
| **TARS2** | 1.016 | 0.979 | 1.055 | 0.393 |
| **FARS2** | 0.906 | 0.781 | 1.051 | 0.193 |
| **RARS2** | 1.005 | 0.946 | 1.068 | 0.869 |
| **PARS2** | 1.297 | 1.128 | 1.491 | 0.000 |
| **MARS1** | 1.077 | 1.033 | 1.123 | 0.000 |
| **HARS1** | 1.293 | 1.049 | 1.596 | 0.016 |
| **QARS1** | 1.003 | 0.985 | 1.022 | 0.759 |
| **FARSA** | 1.013 | 0.985 | 1.041 | 0.376 |
| **TARS3** | 0.781 | 0.567 | 1.077 | 0.132 |
| **IARS1** | 1.067 | 1.027 | 1.108 | 0.001 |
| **VARS1** | 1.003 | 0.980 | 1.027 | 0.801 |
| **MARS2** | 1.057 | 0.911 | 1.227 | 0.467 |
| **AIMP2** | 1.023 | 0.967 | 1.083 | 0.427 |
| **AIMP1** | 1.000 | 0.898 | 1.113 | 0.995 |
| **EPRS1** | 1.012 | 0.990 | 1.034 | 0.304 |
| **EEF1E1** | 1.040 | 0.906 | 1.193 | 0.577 |
|  |  |  |  |  |
| \*HR represent Hazard ratio, \*HR. 95L represent lower-bound of 95% confidence intervals, \*HR. 95H represent upper-bound of 95% confidence intervals. | | | | |
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