

Unraveling the Biomarker Prospects of High-Altitude Diseases: Insights from Biomolecular Event Network Constructed using Text Mining

Supplementary Data-3

Identified Events with Theme and Event ID

T1043 Gene_expression 1410 1420
E125 Gene_expression:T1043 Theme:T5
T1044 Binding 565 569
E126 Binding:T1044 Theme:T3
E127 Binding:T1044 Theme:T4
E128 Binding:T1044 Theme:T5
E129 Binding:T1044 Theme:T3 Theme2:T4
E130 Binding:T1044 Theme:T3 Theme2:T5
E131 Binding:T1044 Theme:T4 Theme2:T3
E132 Binding:T1044 Theme:T4 Theme2:T5
E133 Binding:T1044 Theme:T5 Theme2:T3
E134 Binding:T1044 Theme:T5 Theme2:T4
T1003 Binding 889 899
T1004 Binding 1055 1065
E4 Binding:T1003 Theme:T2
E5 Binding:T1004 Theme:T3
T1005 Gene_expression 1426 1436
T1006 Localization 1801 1810
E6 Gene_expression:T1005 Theme:T1
E7 Localization:T1006 Theme:T2
T1007 Gene_expression 945 954
T1008 Planned_process 1628 1642
E8 Gene_expression:T1007 Theme:T3
E9 Planned_process:T1008 Instrument:T5

T1045 Positive_regulation 63 72
T1046 Regulation 348 358
T1047 Regulation 1069 1079
E135 Positive_regulation:T1045 Theme:T0
E136 Regulation:T1046 Theme:T1
E137 Regulation:T1047 Theme:T9
T1048 Negative_regulation 112 121
T1049 Gene_expression 164 174
T1050 Gene_expression 808 818
E138 Negative_regulation:T1048 Theme:T0
E139 Negative_regulation:T1048 Theme:E140
E140 Gene_expression:T1049 Theme:T0
E141 Gene_expression:T1049 Theme:T1
E142 Gene_expression:T1050 Theme:T4
T1051 Positive_regulation 25 34
E143 Positive_regulation:T1051 Theme:T0
T1019 Binding 889 899
T1020 Binding 1055 1065
E22 Binding:T1019 Theme:T2
E23 Binding:T1020 Theme:T3
T1052 Gene_expression 428 438
T1053 Positive_regulation 695 702
T1054 Gene_expression 712 722
T1055 Negative_regulation 744 754
T1056 Gene_expression 767 777
T1057 Gene_expression 882 891
E144 Gene_expression:T1052 Theme:T0
E145 Positive_regulation:T1053 Theme:T1
E146 Positive_regulation:T1053 Theme:E147
E147 Gene_expression:T1054 Theme:T1
E148 Gene_expression:T1054 Theme:T2
E149 Negative_regulation:T1055 Theme:E150

E150 Gene_expression:T1056 Theme:T1
E151 Gene_expression:T1056 Theme:T2
E152 Gene_expression:T1057 Theme:T1
E153 Gene_expression:T1057 Theme:T2
T1058 Negative_regulation 1549 1557
E154 Negative_regulation:T1058 Theme:T1
T1059 Gene_expression 335 345
T1060 Positive_regulation 911 915
T1061 Gene_expression 917 927
T1062 Gene_expression 1068 1078
E155 Gene_expression:T1059 Theme:T0
E156 Gene_expression:T1059 Theme:T1
E157 Gene_expression:T1059 Theme:T2
E158 Positive_regulation:T1060 Theme:E159
E159 Gene_expression:T1061 Theme:T3
E160 Gene_expression:T1062 Theme:T4
T1063 Positive_regulation 1123 1132
E161 Positive_regulation:T1063 Theme:T2
T1064 Gene_expression 409 419
E162 Gene_expression:T1064 Theme:T0
E163 Gene_expression:T1064 Theme:T1
E164 Gene_expression:T1064 Theme:T2
T1065 Negative_regulation 764 771
T1066 Gene_expression 833 843
T1067 Positive_regulation 1349 1362
E165 Negative_regulation:T1065 Theme:T1
E166 Gene_expression:T1066 Theme:T1
E167 Gene_expression:T1066 Theme:T2
E168 Gene_expression:T1066 Theme:T3
E169 Gene_expression:T1066 Theme:T4
E170 Gene_expression:T1066 Theme:T5
E171 Positive_regulation:T1067 Cause:T7 Theme:T6

E172 Positive_regulation:T1067 Theme:T7
T1068 Binding 1520 1531
E173 Binding:T1068 Theme:T2
T1069 Binding 403 414
T1070 Binding 1552 1563
E174 Binding:T1069 Theme:T1 Theme2:T2
E175 Binding:T1069 Theme:T2 Theme2:T1
E176 Binding:T1070 Theme:T6 Theme2:T7
E177 Binding:T1070 Theme:T6 Theme2:T8
E178 Binding:T1070 Theme:T7 Theme2:T6
E179 Binding:T1070 Theme:T7 Theme2:T8
E180 Binding:T1070 Theme:T8 Theme2:T6
E181 Binding:T1070 Theme:T8 Theme2:T7
T1071 Binding 565 569
E182 Binding:T1071 Theme:T3
E183 Binding:T1071 Theme:T4
E184 Binding:T1071 Theme:T5
E185 Binding:T1071 Theme:T3 Theme2:T4
E186 Binding:T1071 Theme:T3 Theme2:T5
E187 Binding:T1071 Theme:T4 Theme2:T3
E188 Binding:T1071 Theme:T4 Theme2:T5
E189 Binding:T1071 Theme:T5 Theme2:T3
E190 Binding:T1071 Theme:T5 Theme2:T4
T1072 Gene_expression 992 1000
T1073 Negative_regulation 1145 1154
T1074 Negative_regulation 1450 1459
T1075 Gene_expression 1701 1711
E191 Gene_expression:T1072 Theme:T5
E192 Negative_regulation:T1073 Theme:T6
E193 Negative_regulation:T1074 Theme:T7
E194 Gene_expression:T1075 Theme:T8
E195 Gene_expression:T1075 Theme:T9

T1084 Binding 1443 1453
E208 Binding:T1084 Theme:T3
T1086 Positive_regulation 36 46
T1087 Localization 65 72
E212 Positive_regulation:T1086 Theme:E213
E213 Localization:T1087 Theme:T0
T1088 Gene_expression 215 229
T1089 Gene_expression 1340 1354
E214 Gene_expression:T1088 Theme:T0
E215 Gene_expression:T1089 Theme:T3
T1090 Positive_regulation 221 229
T1091 Gene_expression 1199 1209
E216 Positive_regulation:T1090 Theme:T0
E217 Gene_expression:T1091 Theme:T1
T1092 Binding 1455 1462
E218 Binding:T1092 Theme:T1
T1093 Positive_regulation 743 751
T1094 Positive_regulation 860 868
T1095 Positive_regulation 1180 1189
E219 Positive_regulation:T1093 Theme:T0
E220 Positive_regulation:T1094 Theme:T2
E221 Positive_regulation:T1095 Cause:T4 Theme:T3
T1096 Regulation 743 751
T1097 Gene_expression 758 768
T1098 Gene_expression 836 846
T1099 Gene_expression 913 922
T1100 Gene_expression 1150 1160
T1101 Positive_regulation 1566 1575
T1102 Gene_expression 1585 1595
T1103 Regulation 1661 1667
T1104 Gene_expression 1675 1686
E222 Regulation:T1096 Theme:T2

E223 Regulation:T1096 Theme:E224
E224 Gene_expression:T1097 Theme:T2
E225 Gene_expression:T1098 Theme:T3
E226 Gene_expression:T1099 Theme:T3
E227 Gene_expression:T1100 Theme:T4
E228 Positive_regulation:T1101 Theme:T5
E229 Positive_regulation:T1101 Theme:T6
E230 Positive_regulation:T1101 Theme:E231
E231 Gene_expression:T1102 Theme:T5
E232 Gene_expression:T1102 Theme:T6
E233 Regulation:T1103 Theme:T6
E234 Gene_expression:T1104 Theme:T5
E235 Gene_expression:T1104 Theme:T6
T1009 Positive_regulation 212 219
E10 Positive_regulation:T1009 Theme:T0
T1118 Gene_expression 1151 1161
T1119 Gene_expression 1362 1373
T1120 Negative_regulation 1740 1750
E252 Gene_expression:T1118 Theme:T0
E253 Gene_expression:T1118 Theme:T1
E254 Gene_expression:T1118 Theme:T2
E255 Gene_expression:T1119 Theme:T3
E256 Negative_regulation:T1120 Theme:T4
T1121 Binding 37 46
E257 Binding:T1121 Theme:T0
T1127 Binding 335 345
T1128 Binding 1881 1892
E263 Binding:T1127 Theme:T0
E264 Binding:T1128 Theme:T2 Theme2:T3
E265 Binding:T1128 Theme:T3 Theme2:T2
T1136 Negative_regulation 1678 1688
E290 Negative_regulation:T1136 Cause:T1 Theme:T2

T1137 Gene_expression 1025 1035
E291 Gene_expression:T1137 Theme:T2
E292 Gene_expression:T1137 Theme:T1
T1147 Localization 702 709
E315 Localization:T1147 Theme:T3
E316 Localization:T1147 Theme:T4
T1148 Binding 147 158
E317 Binding:T1148 Theme:T1 Theme2:T2
E318 Binding:T1148 Theme:T2 Theme2:T1
T1149 Positive_regulation 862 870
T1150 Gene_expression 1028 1038
E319 Positive_regulation:T1149 Theme:T0
E320 Gene_expression:T1150 Theme:T0
T1159 Positive_regulation 1285 1293
E330 Positive_regulation:T1159 Theme:T1