| Model name | Candidate lncRNA panels | AIC Score |
|------------|-------------------------|-----------|
| Model A    | AC124319.1 + AP000695.1 + AP000695.2 + LINCO0106 + MIR3142HG + AL161785.1 | 1113.73   |
| Model B    | AC124319.1 + AP000695.2 + LINCO0106 + MIR3142HG + AL161785.1 | 1111.9    |
| Model C    | AC124319.1 + AP000695.1 + AP000695.2 + MIR3142HG + AL161785.1 | 1112.5    |
| Model D    | AC124319.1 + AP000695.1 + LINCO0106 + MIR3142HG + AL161785.1 | 1112.6    |
| Model E    | AC124319.1 + AP000695.1 + AP000695.2 + LINCO0106 + AL161785.1 | 1112.7    |
| Model F    | AP000695.1 + AP000695.2 + LINCO0106 + MIR3142HG + AL161785.1 | 1114.1    |
| Model G    | AC124319.1 + AP000695.1 + AP000695.2 + LINCO0106 + MIR3142HG | 1118      |
| Model H    | AC124319.1 + AP000695.2 + MIR3142HG + AL161785.1 | 1110.6    |
| Model I    | AC124319.1 + AP000695.2 + LINCO0106 + AL161785.1 | 1111      |
| Model J    | AP000695.2 + LINCO0106 + MIR3142HG + AL161785.1 | 1112.6    |
| Model K    | AC124319.1 + LINCO0106 + MIR3142HG + AL161785.1 | 1116      |
| Model L    | AC124319.1 + AP000695.2 + LINCO0106 + MIR3142HG | 1116.2    |
| Model M    | AC124319.1 + AP000695.2 + AL161785.1 + AP000695.1 | 1112      |
| Model N    | AC124319.1 + AP000695.2 + AL161785.1 | 1110.1    |
| Model O    | AP000695.2 + MIR3142HG + AL161785.1 | 1113.4    |
| Model P    | AC124319.1 + AP000695.2 + MIR3142HG | 1114.4    |
| Model Q    | AC124319.1 + MIR3142HG + AL161785.1 | 1116.3    |
| Model R    | AP000695.2 + AL161785.1 | 1114.3    |
| Model S    | AC124319.1 + AP000695.2 | 1115.2    |
| Model T    | AC124319.1 + AL161785.1 | 1117.9    |

The red marked model N had the smallest AIC score which indicates the best statistical model quality for a given set of data. AC124319.1 is named lnc-SLC26A11, AP000695.2 is named lnc-CHAF1B-2 and AL161785.1 is named lnc-PTPA-3 in LNCipedia database (https://lncipedia.org/db/transcript/)