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| --- | --- | --- | --- | --- | --- |
| **Sample ID** | **Vertical position [NAP cm]** | **IRSL signal** | **CAM-dose [Gy]** | **n** | **CAM overdispersion [%]** |
| NCL-1422173 + | NA | IRSL50 | 11.57 ± 0.56 | 119 | 50.4 ± 3.6 |
| NCL-1422195 | pIRIR150 | 17.67 ± 0.75 | 112 | 42.8 ± 3.1 |
|  | pIRIR225 | 20.61 ± 0.92 | 99 | 41.6 ± 3.3 |
|  | pIRIR290 | 24.84 ± 1.68 | 35 | 34.1 ± 5.4 |
| NCL-1422192 | 130 | IRSL50 | 1.51 ± 0.21 | 40 | 82.9 ± 10.2 |
| pIRIR150 | 5.31 ± 0.66 | 44 | 79.1 ± 9.1 |
| pIRIR225 | 10.31 ± 6.73 | 51 | 46.9 ± 5.3 |
| pIRIR290 | 15.49 ± 2.46 | 12 | 52.2 ± 11.8 |
| NCL-1422189 | 30 | IRSL50 | 3.46 ± 0.44 | 34 | 70.5 ± 9.4 |
| pIRIR150 | 6.91 ± 0.79 | 30 | 59.7 ± 8.4 |
| pIRIR225 | 10.61 ± 0.79 | 41 | 44.2 ± 5.6 |
| pIRIR290 | 21.12 ± 1.80 | 16 | 26.8 ± 7.2 |
| NCL-1422188 | -10 | IRSL50 | 2.76 ± 0.97 | 42 | 83.3 ± 9.7 |
| pIRIR150 | 6.74 ± 0.5 | 54 | 50.5 ± 5.5 |
| pIRIR225 | 9.86 ± 0.76 | 42 | 46.6 ± 5.8 |
| pIRIR290 | 16.41 ± 1.38 | 18 | 29.9 ± 6.6 |
| NCL-1422186 | -50 | IRSL50 | 3.49 ± 0.39 | 49 | 72.4 ± 8.3 |
| pIRIR150 | 6.07 ± 0.46 | 40 | 43.6 ± 5.8 |
| pIRIR225 | 9.15 ± 0.74 | 43 | 48.2 ± 6.1 |
| pIRIR290 | 17.47 ± 1.49 | 10 | 17.1 ± 8 |
| NCL-1422185 | -70 | IRSL50 | 2.73 ± 0.42 | 41 | 95.5 ± 11.1 |
| pIRIR150 | 8.77 ± 0.93 | 37 | 61.7 ± 7.8 |
| pIRIR225 | 10.46 ± 0.83 | 35 | 46.8 ± 6.4 |
| pIRIR290 | 19.44 ± 1.35 | 14 | 20.4 ± 5.9 |
| NCL-1422184 | -90 | IRSL50 | 3.97 ± 0.60 | 35 | 86.2 ± 10.9 |
| pIRIR150 | 7.49 ± 0.70 | 46 | 60.5 ± 6.8 |
| pIRIR225 | 14.86 ± 1.06 | 37 | 40.7 ± 5.3 |
| pIRIR290 | 23.12 ± 2.73 | 13 | 37.5 ± 9.2 |
| NCL-1422183 | -110 | IRSL50 | 2.98 ± 0.35 | 54 | 82.5 ± 8.5 |
| pIRIR150 | 9.11 ± 1.86 | 40 | 71.9 ± 8.5 |
| pIRIR225 | 14.78 ± 1.16 | 54 | 54.8 ± 5.8 |
| pIRIR290 | 16.51 ± 1.90 | 11 | 34.9 ± 8.8 |
| NCL-1422182 | -130 | IRSL50 | 2.79 ± 0.41 | 42 | 93.6 ± 10.8 |
| pIRIR150 | 8.51 ± 0.63 | 50 | 49.2 ± 5.5 |
| pIRIR225 | 14.42 ± 0.91 | 50 | 40.7 ± 4.8 |
| pIRIR290 | 23.42 ± 1.53 | 18 | 23.7 ± 5.3 |
| NCL-1422181 | -150 | IRSL50 | 2.99 ± 0.42 | 46 | 91.7 ± 10.1 |
| pIRIR150 | 10.11 ± 0.73 | 45 | 45.9 ± 5.3 |
| pIRIR225 | 16.54 ± 0.83 | 47 | 30.8 ± 3.9 |
| pIRIR290 | 24.12 ± 1.38 | 18 | 18.7 ± 4.9 |
| NCL-1422180 | -170 | IRSL50 | 3.66 ± 0.44 | 57 | 86.4 ± 8.7 |
| pIRIR150 | 10.76 ± 1.06 | 59 | 73.5 ± 7.1 |
| pIRIR225 | 14.31 ± 1.00 | 39 | 40.5 ± 5.3 |
| pIRIR290 | 28.25 ± 2.59 | 20 | 36.4 ± 7.2 |
| NCL-1422179 | -190 | IRSL50 | 3.49 ± 0.84 | 40 | 146.3 ± 17.2 |
| pIRIR150 | 13.33 ± 1.43 | 41 | 65.7 ± 7.9 |
| pIRIR225 | 16.89 ± 1.19 | 41 | 41.5 ± 5.3 |
| pIRIR290 | 25.61 ± 1.38 | 18 | 13.9 ± 5.6 |
| NCL-1422178 | -210 | IRSL50 | 2.80 ± 0.38 | 41 | 83.2 ± 9.8 |
| pIRIR150 | 10.83 ± 0.98 | 48 | 61.5 ± 6.7 |
| pIRIR225 | 15.74 ± 1.07 | 33 | 35 ± 5.2 |
| pIRIR290 | 25.2 ± 1.99 | 15 | 25.8 ± 6.3 |
| NCL-1422177 | -230 | IRSL50 | 4.00 ± 0.40 | 60 | 75.2 ± 7.3 |
| pIRIR150 | 11.69 ± 0.69 | 69 | 46.9 ± 4.4 |
| pIRIR225 | 18.40 ± 0.94 | 47 | 31.7 ± 4 |
| pIRIR290 | 24 ± 1.48 | 19 | 20.3 ± 5.1 |
| NCL-1422176 | -250 | IRSL50 | 4.42 ± 0.41 | 54 | 64.7 ± 6.8 |
| pIRIR150 | 14.08 ± 1.23 | 45 | 56.6 ± 6.4 |
| pIRIR225 | 15.09 ± 1.58 | 45 | 67.3 ± 7.7 |
| pIRIR290 | 30.01 ± 3.24 | 8 | 23.2 ± 9.5 |
| NCL-1422174 | -290 | IRSL50 | 4.85 ± 0.65 | 41 | 83.1 ± 9.9 |
| pIRIR150 | 11.88 ± 1.11 | 56 | 66.8 ± 6.8 |
| pIRIR225 | 16.63 ± 1.07 | 46 | 39.8 ± 4.9 |
| pIRIR290 | 22.01 ± 2.37 | 20 | 41.9 ± 8.4 |