**TableS1: The demographic profile and clinical characteristics of patients with retinoblastoma (Rb).**

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| Patient No. | Age\* | Sex | Familial/ Sporadic | Rb presentation |
| RB1 | 2 years | Male | Sporadic | Unilateral |
| RB2 | 9 years | Female | Sporadic | Bilateral |
| RB3 | 1 Year 9 months | Male | Sporadic | Bilateral |
| RB4 | 4 years | Male | Sporadic | Unilateral |
| RB5 | 2 years | Male | Sporadic | Bilateral |
| RB6 | 1 year | Female | Unknown | Unilateral |
| RB7 | 4 years | Male | Unknown | Bilateral |
| RB8 | 26 years | Female | Sporadic | Bilateral |
| RB9 | 7 years | Female | Sporadic | Bilateral |
| RB10 | 4 years | Male | Familial | Bilateral |
| RB11 | 4 years | Female | Unknown | Unknown |
| RB12 | 4 months | Female | Sporadic | Unilateral |
| RB13 | 6 years | Male | Sporadic | Unilateral |
| RB14 | 15 months | Male | Unknown | Unknown |
| RB15 | 4 months | Female | Sporadic | Bilateral |
| RB16 | 3 years | Female | Unknown | Bilateral |
| RB17 | 6 years | Male | Familial | Bilateral |
| RB18 | 52 years | Male | Unknown | Unknown |
| RB19 | 1 year 10 months | Female | Unknown | Bilateral |
| RB20 | 5 years | Male | Sporadic | Bilateral |
| RB21 | 5 years | Male | Sporadic | Bilateral |
| RB22 | 29 years | Male | Sporadic | Bilateral |
| RB23 | 4 years | Male | Unknown | Bilateral |
| RB24 | 6 years | Male | Unknown | Bilateral |
| RB25 | 1years | Female | Sporadic | Bilateral |
| RB26 | 2 years | Female | Sporadic | Unilateral |
| RB27 | 3 years | Female | Unknown | Unknown |
| RB28 | 9 years | Male | Sporadic | Bilateral |
| RB29 | Unknown | Unknown | Unknown | Bilateral |
| RB30 | 6 years | Male | Unknown | Bilateral |
| RB31 | 1years | Female | Sporadic | Bilateral |
| RB32 | 21 year | Female | Sporadic | Unknown |
| RB33 | 2 years | Female | Unknown | Bilateral |
| RB34 | 1 year | Female | Sporadic | Unilateral |
| RB35 | 3 years | Female | Sporadic | Unilateral |
| RB36 | 3 years | Female | Sporadic | Unilateral |
| RB37 | 2 years | Female | Sporadic | Unilateral |
| RB38 | 1 year | Male | Unknown | Unilateral |
| RB39 | 23 years | Female | Unknown | Unknown |
| RB40 | 6 years | Male | Sporadic | Unilateral |
| RB41 | 3 years | Male | Sporadic | Unilateral |
| RB42 | 1 year | Female | Sporadic | Unilateral |
| RB43 | 5 years | Female | Sporadic | Unilateral |
| RB44 | 9 years | Female | Sporadic | Unilateral |
| RB45 | 2 years | Female | Unknown | Unilateral |
| RB46 | 4 years | Male | Sporadic | Unilateral |
| RB47 | 11 months | Male | Unknown | Unknown |
| RB48 | 11 years | Male | Sporadic | Unknown |
| RB49 | 3 years | Male | Sporadic | Unilateral |
| RB50 | 2 years | Female | Sporadic | Unilateral |

\*Age of the individual at the time of sequencing.