

Table SI. Previously reported cases of Li-Fraumeni syndrome (LFS)

| Author, year (Ref) | Age at diagnosis of LFS | Other tumors | Age at diagnosis of MM | Family MM | Stage of melanoma | Melanoma location | Screening recommended |
|------------------------------|-------------------------|--------------|------------------------|-------------------------|---|--|---|
| Curiel-Lewandowski, 2011 (4) | 32 years | OS | 32 years | Not provided | 5 melanomas all stage IB Greatest tumor thickness Breslow 0.9 mm | 1. Skin flap as mandible reconstruction (within the prior radiation field), 2. Abdominal, 3. Pubic, 4. Inframammary, 5. Calf | Annual comprehensive clinical examinations including the skin (National comprehensive cancer network) |
| Kollipara, 2014 (12) | 4 months | MDS CPCs | 3 years | Maternal grandparent | Spitzoid MM Breslow 6.5 mm | Retroauricular scalp, within the prior radiation field | Not provided |
| Pöttsch, 2002 (23) | 32 years | LMS BC | 26 years | No family history of MM | Superficial spreading T1, N0, M0 | Left foot, previous cutaneous LMS of the thigh | Not provided |

OS: osteogenic sarcoma; MDS: myelodysplastic syndrome; CPCs: choroid plexus carcinomas; LMS: leiomyosarcoma; BC: breast cancer; MM: malignant melanoma.