Supplemental Figure 1. EGFP expression in hiMSC hybrids containing 21Δpq HAC/OPN-EGFP vector in noninduction culture. Representative result from the clone M8-OPN#C1 is shown. (i): detection of green fluorescence of EGFP. (ii): Phase contrast microscopic view of the identical field as depicted in (i). Original magnification: ×200. Detection of EGFP expression in non-induction culture suggested that strict lineage-specific transgene expression was not achieved without insulator. Abbreviations: EGFP, enhanced green fluorescent protein; HAC, human artificial chromosome; hiMSC, human bone marrow-derived mesenchymal stem cell; OPN, osteopontin.