**Supplementary tables**

**Supplementary table 1: Quantification of markers for undifferentiated iPSCs by flow cytometry for all 20 FSGS iPSC lines confirms their undifferentiated state**



**Supplementary table 2: PluriTest analysis for all 20 FSGS cell lines confirms their stem cell identity**



**Supplementary table 3: Karyotyping of all 20 FSGS iPSC lines with KaryoLite™ BoBs™ analysis.**



Displayed are mean BoBsoft region normalized ratios for all four analysed loci per chromosome (2 on p-arm, 2 on q-arm) for all chromosomes (C01-C22, X, Y). BoBsoft region normalized ratios of ≈1,0 indicate a ‘normal disomic’ sample.

**Supplementary table 4: Directed differentiation and/or teratoma formation verified the differentiation potential into all 3 germ-layers of all 20 FSGS cell lines**



**Supplemental Table 5: Clearance of sendai vir**

|  |  |
| --- | --- |
|  | PCR for SeV, SeV-cMyc, SeV-Klf4, SeV-KOS negative at passage |
| **BIHi006-D** | 14 |
| **BIHi007-A** | 6 |
| **BIHi008-A** | 9 |
| **BIHi009-A** | 9 |
| **BIHi010-A** | 9 |
| **BIHi011-A** | 9 |
| **BIHi012-A** | 16 |
| **BIHi015-A** | 8 |
| **BIHi016-A** | 14 |
| **BIHi017-A** | 17 |
| **BIHi018-A** | 13 |
| **BIHi019-A** | 13 |
| **BIHi024-A** | 11 |
| **BIHi025-A** | 9 |
| **BIHi028-B** | 15 |
| **BIHi029-A** | 7 |
| **BIHi030-C** | 20 |
| **BIHi031-B** | 22 |
| **BIHi032-A** | 22 |
| **BIHi038-B** | 12 |

**Supplemental Table 6: Mycoplasma test results**

|  |  |
| --- | --- |
| **sample** | **calculated ratio B/A** |
| BIHi006-D | 0,45 |
| BIHi007-A | 0,55 |
| BIHi008-A | 0,35 |
| BIHi009-A | 0,44 |
| BIHi010-A | 0,63 |
| BIHi011-A | 0,51 |
| BIHi012-A | 0,39 |
| BIHi015-A | 0,42 |
| BIHi016-A | 0,56 |
| BIHi017-A | 0,48 |
| BIHi018-A | 0,45 |
| BIHi019-A | 0,33 |
| BIHi024-A | 0,76 |
| BIHi025-A | 0,58 |
| BIHi028-A | 0,41 |
| BIHi029-A | 0,58 |
| BIHi030-C | 0,63 |
| BIHi031-B | 0,57 |
| BIHi032-A | 0,43 |
| BIHi038-B | 0,47 |

Ratio B/A< 0,9 negative; 0,9 - 1,2 put into quarantine and test again after 24 hours; > 1,2 positive