**Table 2**. Pluripotency assessment of 3 iPSC lines prior cryopreservation and post expansion

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | **Prior Cryopreservation** | **Post expansion** |
|  |  |  | **iPSC-4** | **iPSC-5** | **iPSC-6** | **iPSC-4** | **iPSC-6** |
|  |  |  | **CS10** | **IRI-A** | **IRI-B** | **CS10** | **IRI-A** | **IRI-B** |
| **Pluripotency** | **Phase-contrast** | + | + | + | + | + | + | + | + | + |
| **IF** | **SSEA4** | + | + | + | + | + | + | + | + | + |
| **Nanog** | + | + | + | + | + | + | + | + | + |
| **TRA-1-60** | + | + | + | + | + | + | + | + | + |
| **Oct4** | + | + | + | + | + | + | + | + | + |
| **TRA-1-81** | + | + | + | + | + | + | + | + | + |
| **SOX2** | + | + | + | + | + | + | + | + | + |
| **qRT-PCR** | **Self-renew** | + | + | + | + | + | + | + | + | + |
| **Ecto** | - | - | - | - | - | - | - | - | - |
| **Meso** | - | - | - | - | - | - | - | - | - |
| **Endo** | - | - | - | - | - | - | - | - | - |
| **Trilineage differentiation** | **qRT-PCR** | **Self-renew** | - | - | - | NA | NA | NA | NA | NA | NA |
| **Ecto** | + | B | + | NA | NA | NA | NA | NA | NA |
| **Meso** | + | + | + | NA | NA | NA | NA | NA | NA |
| **Endo** | - | - | - | NA | NA | NA | NA | NA | NA |
| **IF** | **Ecto** | NA | NA | NA | + | - | - | + | + | + |
| **Meso** | NA | NA | NA | + | + | + | + | + | - |
| **Endo** | + | + | + | + | + | + | + | + | + |