**Table, Supplemental Digital Content 2:** Phenotype of BPDCN cases (SK: skin; BM: bone marrow; LN: lymph node; SP: spleen) stained for E-cadherin.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **case number** | **CD4** | **CD56** | **TCL1** | **CD123** | **CD303/BDCA2** | **E2-2/TCF4** | **E-cadherin** |
| BP-SK 1 | +/- | + | + | + | + | + | + |
| BP-SK 2 | + | + | + | + | + | + | + |
| BP-SK 3 | + | + | + | + | + | + | + |
| BP-SK 4 | + | + | + | + | + | + | - |
| BP-SK 5 | + | + | + | + | + | + | + |
| BP-SK 7 | + | + | + | + | + | + | + |
| BP-SK 8 | + | + | + | + | + | + | + |
| BP-SK 12 | + | + | + | + | + | + | + |
| BP-SK 15 | + | + | + | + | + | + | + |
| BP-SK 17 | + | + | + | + | + | + | + |
| BP-SK 19 | + | + | +/- | + | + | n.a. | + |
| BP-SK 26 | + | + | + | + | + | + | + |
| BP-SK 27 | n.a. | n.a. | + | + | + | + | + |
| BP-SK 30 | + | + | + | + | + | + | + |
| BP-SK 31 | + | +/- | + | + | + | n.a. | + |
| BP-SK 32 | + | + | - | + | +/- | + | + |
| BP-SK 33 | + | + | + | + | + | + | + |
| BP-SK 36 | + | + | - | + | + | + | + |
| BP-SK 37 | + | + | + | + | + | + | + |
| BP-SK 38 | + | + | n.a. | + | n.a. | + | + |
| BP-SK 39 | + | + | - | +/- | +/- | + | + |
| BP-SK 41 | + | + | n.a. | + | + | + | + |
| BP-SK 42 | + | + | + | + | + | + | + |
| BP-SK 43 | + | + | - | + | - | + | + |
| BP-SK 44 | + | + | + | + | + | + | + |
| BP-SK 45 | + | + | + | + | +/- | + | + |
| BP-SK 46 | + | + | + | + | + | + | + |
| BP-SK 48 | + | + | + | - | + | n.a. | - |
| BP-SK 49 | + | + | + | + | + | + | + |
| BP-SK 50 | + | + | + | - | + | + | + |
| BP-SK 51 | + | + | + | + | + | + | + |
| BP-SK 52 | + | + | + | + | n.a. | + | + |
| BP-SK 53 | + | + | + | + | n.a. | + | + |
| BP-BM 1 | ­­­+ | + | +/- | - | +/- | + | - |
| BP-BM 2 | + | + | + | +/- | - | + | - |
| BP-BM 3 | + | + | + | + | +/- | +/- | + |
| BP-BM 4 | n.a. | + | + | + | - | + | - |
| BP-BM 5 | + | + | + | + | + | +/- | + |
| BP-BM 6 | n.a. | + | + | + | - | + | - |
| BP-BM 7 | n.a. | n.a. | - | + | + | + | - |
| BP-BM 8 | n.a. | + | + | + | + | + | - |
| BP-BM 9 | n.a. | +\* | - | + | - | + | - |
| BP-BM 10 | n.a. | + | - | + | +/- | + | - |
| BP-BM 11 | + | + | + | +\* | +/-\* | + | + |
| BP-BM 12 | + | + | + | + | + | + | + |
| BP-BM 13 | n.a. | + | + | + | + | + | + |
| BP-LN 1 | n.a. | n.a. | - | + | + | + | + |
| BP-LN 2 | + | + | - | + | + | + | + |
| BP-SP 1 | n.a. | +\* | -\* | +\* | +/-\* | + | + |

\*marker evaluated on skin lesion biopsy performed contextually