|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Controls (n=15) | Ulcerative colitis (n=20) | Colitis associated dysplasia(n=6) | Chi-squared test p-value |
| Gender |  |  |  |  |
|  Male | 4 | 7 | 4 | 0.22 |
|  Female | 11 | 13 | 2 |
| Age (median, IQR) | 52 (34) | 42 (30) | 49 (28) |  |
| Disease duration |  |  |  |  |
|  <10 years | - | 13 | 2 | 0.17 |
|  >10 years | - | 7 | 4 |
| Mayo score (median, IQR) | - | 6 (4) | 1.5 (5) |  |
| Mayo endoscopic score (median, IQR) | - | 2 (0) | 0.5 (2) |  |
| Smoking status |  |  |  |  |
|  Smoking | 2 | 3 | 0 | 0.61 |
|  Nonsmoking | 13 | 17 | 6 |
| Daily medication |  |  |  |  |
|  Systemic 5-ASA | - | 17 | 2 | 0.36 |
|  Topical 5-ASA | - | 3 | 0 |
|  Systemic steroids | - | 3 | 0 |
|  Topical Steroids | - | 2 | 0 |
|  Thiopurines | - | 5 | 2 |
| Infliximab | - | 1 | 0 |
|  none | - | 2 | 2 |

**Table S1.** **Clinical details of GSE47908**

 , p-value cannot be calculated because of limited information. IQR, interquartile range.