Table S2. Clinical and demographical characteristics of patients included in the selection phase. AZA: Azathioprine, IFX: Infliximab, ADA: Adalimumab, MTX: Methotrexate.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Mayo**  **score** | **Medication** | **CRP/Hematocrit/Albumin/VSG** | **Colonoscopic Evaluation** | **Age** | **Sex** | **Ulcerations** |
| **Healthy Controls** | | | | | | | |
| **b72\_ctrl** | n.a. | n.a. | n.a. | n.a. | 21 | M | na |
| **b76\_ctrl** | n.a. | n.a. | n.a. | n.a. | 31 | M | na |
| **b77\_ctrl** | n.a. | n.a. | n.a. | n.a. | 32 | F | na |
| **b89\_ctrl** | n.a. | n.a. | n.a. | n.a. | 41 | M | na |
| **Inactive Ulcerative Colitis** | | | | | | | |
| **b18.1\_CUm** | 0 | 5-ASA | 0.3/41/44/1 | Not Inflamed | 40 | F | na |
| **b20.1\_CUm** | 0 | 5-ASA | 0.1/43/50/1 | Not Inflamed | 24 | M | na |
| **b28.1\_CUm** | 0 | AZA | 0.1/34/51/52 | Not Inflamed | 57 | F | na |
| **b21.1\_CUm** | 0 | 6-MP | 0.1/39/45/20 | Not Inflamed | 37 | F | na |
| **b29.1\_CUm** | 0 | no treatment | 1.1/40/41/15 | Not Inflamed | 64 | M | na |
| **b31.1\_CUm** | 0 | 5-ASA | n.d. | Not Inflamed | 51 | F | na |
| **b33.1\_CUm** | 0 | no treatment | 0.6/45/43/9 | Not Inflamed | 75 | M | na |
| **b08.1\_CUm** | 0 | 5-ASA | 0.2/48/48/1 | Not Inflamed | 54 | M | na |
| **b09.1\_CUm** | 0 | 5-ASA | 0.6/48/45/10 | Not Inflamed | 63 | F | na |
| **b16.1\_CUm** | 0 | no treatment | 0.6/40/47/20 | Not Inflamed | 71 | F | na |
| **b25.1\_CUm** | 0 | 5-ASA | 0.2/42/45/18 | Not Inflamed | 70 | F | na |
| **b23.1\_CUm** | 0 | 5-ASA | 0.9/40/44/5 | Not Inflamed | 61 | F | na |
| **b10.1\_CUm** | 0 | no treatment | 0.3/49/53/1 | Not Inflamed | 34 | M | na |
| **Active Ulcerative Colitis** | | | | | | | |
| **b25\_CUp** | 10 | 5-ASA | 10.46/38/35/75 | Severe | 27 | F | Ulceration |
| **b34\_CUp** | >7 | no treatment | 0.35/39/nd/30 | Severe-moderate | 25 | F | Superficial |
| **b36\_CUp** | 8 | 5-ASA | 0.11/42/45/9 | Moderate | 40 | F | No |
| **b38\_CUp** | 9 | AZA+ADA | 0.56/41/41/nd | Severe in rectum | 34 | M | In rectum and sigma |
| **b70\_CUp** | 3 | 5-ASA | 0.02/38/47/7 | Moderate | 48 | F | No |
| **b81\_CUp** | 9 | no treatment | nd/42/nd/nd | Moderate | 65 | M | No |
| **b86\_CUp** | 11 | AZA+ADA | 0.06/33/48/61 | Severe in rectum | 43 | F | In rectum |
| **b104\_Cup** | 10 | MTX+cortis | 4.27/33/40/78 | Severe | 55 | F | Superficial |
| **b92\_Cup** | 3 | no treatment | 0.04/41/47/5 | Mild | 26 | F | No |
| **b101\_Cup** | 9 | MTX+IFX | 0.02/46/46/6 | Severe | 28 | M | Superficial |