**Supplemental Table 1. Clinical data of the fibroblast donors**

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| --- | --- | --- | --- | --- | --- | --- |
| **Patient** | **Sex** | **Age** | **Asthma severity** | **Lung function (FEV1)\*** | **Asthma treatment** | **Ever smoked** |
| **Control #1** | F | 68 | NA | Unknown | NA | No |
| **Control #2** | F | 69 | NA | Unknown | NA | Yes |
| **Control #3** | F | 67 | NA | Unknown | NA | Yes |
| **Control #4** | M | 65 | NA | Unknown | NA | Yes |
| **Control #5** | M | 67 | NA | Unknown | NA | Yes |
| **Control #6** | M | 68 | NA | Unknown | NA | Yes |
| **Control #7** | M | 67 | NA | Unknown | NA | Unknown |
| **Control #8** | M | 84 | NA | Unknown | NA | Yes |
| **Asthma #1** | F | 65 | Moderate | 69% | mometasone-formoterol albuterol | Unknown |
| **Asthma #2** | F | 70 | Moderate | 66% | budesonide-formoterol | Yes |
| **Asthma #3** | F | 73 | Moderate | 68% | fluticasone-salmeterol | Yes |
| **Asthma #4** | F | 66 | Moderate | 62% | budesonide | Unknown |
| **Asthma #5** | M | 62 | Moderate | 66% | unknown | Yes |
| **Asthma #6** | M | 79 | Unknown | 87% | unknown | Yes |
| **Asthma #7** | M | 67 | Moderate | 68% | fluticasone-salmeterol | No |

\* No data on lung function (FEV1) for control donors were available in the medical records.