

Supplementary Table 1: Standardized Incidence Ratios for Cancer among CF and Non-CF Lung Recipients

| Cancer Type | CF Recipient | | Non-CF Recipient | |
|-------------------------------|----------------|-------------------|------------------|-------------------|
| | Observed Count | SIR (95% CI) | Observed Count | SIR (95% CI) |
| All Cancers | 85 | 9.9 (7.9, 12.3) | 760 | 2.7 (2.5, 2.9) |
| Lip | 3 | 203 (41.8, 592) | 12 | 30.6 (15.8, 53.5) |
| Salivary Gland | 1 | 32.5 (0.8, 181) | 4 | 6.3 (1.7, 16.2) |
| HPV-Related Oropharynx | 0 | 0 (0, 40.8) | 3 | 1 (0.2, 2.9) |
| Other Oral Cavity and Pharynx | 0 | 0 (0, 43.2) | 7 | 2.3 (0.9, 4.8) |
| Upper Gastrointestinal Tract | 5 | 27.5 (8.9, 64.1) | 18 | 2.3 (1.3, 3.6) |
| Esophagus | 3 | 56.3 (11.6, 165) | 4 | 1.3 (0.4, 3.3) |
| Stomach | 1 | 10.4 (0.3, 58.1) | 8 | 2.2 (0.9, 4.3) |
| Small Intestine | 1 | 30.4 (0.8, 170) | 6 | 5.2 (1.9, 11.3) |
| Colorectum | 15 | 24.2 (13.5, 39.8) | 46 | 1.7 (1.3, 2.3) |
| Colon | 13 | 33.8 (18, 57.8) | 38 | 2.1 (1.5, 2.9) |
| Proximal Colon | 7 | 45.7 (18.4, 94.1) | 25 | 2.8 (1.8, 4.2) |
| Distal Colon | 5 | 29 (9.4, 67.7) | 10 | 1.3 (0.6, 2.4) |
| Rectum | 2 | 9.1 (1.1, 33) | 8 | 1 (0.4, 1.9) |
| Anus | 0 | 0 (0, 91.3) | 9 | 9.6 (4.4, 18.3) |
| Liver | 0 | 0 (0, 50.4) | 7 | 2.1 (0.8, 4.2) |
| Intrahepatic Bile Duct | 1 | 130 (3.3, 727) | 2 | 5.7 (0.7, 20.4) |
| Gallbladder | 0 | 0 (0, 363) | 1 | 1.9 (0, 10.4) |
| Other Biliary Tract | 1 | 65.5 (1.7, 365) | 2 | 2.5 (0.3, 8.9) |
| Pancreas | 1 | 9.8 (0.2, 54.3) | 6 | 1 (0.4, 2.3) |
| Larynx | 1 | 17.2 (0.4, 95.7) | 13 | 4.2 (2.2, 7.1) |
| Lung | 1 | 1.9 (0, 10.5) | 215 | 5.4 (4.7, 6.2) |
| Soft Tissue including Heart | 3 | 26.5 (5.5, 77.4) | 8 | 5.7 (2.4, 11.2) |
| Melanoma | 1 | 1.4 (0, 7.9) | 18 | 1.8 (1.1, 2.8) |
| Other Non-Epithelial Skin | 0 | 0 (0, 97) | 16 | 23.5 (13.5, 38.2) |
| Breast | 0 | 0 (0, 2.3) | 27 | 0.7 (0.5, 1) |
| Cervix | 0 | 0 (0, 13.1) | 2 | 1 (0.1, 3.5) |
| Uterine Corpus | 1 | 4.2 (0.1, 23.6) | 4 | 0.5 (0.1, 1.3) |
| Ovary | 1 | 6 (0.2, 33.4) | 3 | 0.8 (0.2, 2.3) |
| Vagina | 0 | 0 (0, 620) | 2 | 11.1 (1.3, 40.1) |
| Vulva | 0 | 0 (0, 139) | 9 | 16.8 (7.7, 31.9) |

| | | | | |
|-----------------------------|----|-------------------|-----|-------------------|
| Prostate | 0 | 0 (0, 7.2) | 38 | 0.7 (0.5, 0.9) |
| Testis | 0 | 0 (0, 11.2) | 2 | 4.5 (0.5, 16.2) |
| Penis | 0 | 0 (0, 540) | 1 | 4 (0.1, 22.5) |
| Urinary Bladder | 0 | 0 (0, 34.4) | 18 | 2.6 (1.5, 4.1) |
| Kidney and Renal Pelvis | 3 | 11 (2.3, 32.3) | 17 | 1.8 (1.1, 2.9) |
| Eye and Orbit | 0 | 0 (0, 173) | 2 | 4.4 (0.5, 15.9) |
| Brain | 0 | 0 (0, 15.9) | 3 | 1 (0.2, 2.9) |
| Thyroid | 4 | 6.2 (1.7, 16) | 9 | 2 (0.9, 3.7) |
| Hodgkin Lymphoma | 1 | 4.3 (0.1, 24.1) | 2 | 2.3 (0.3, 8.2) |
| Non-Hodgkin Lymphoma | 34 | 61.8 (42.8, 86.3) | 128 | 9.4 (7.9, 11.2) |
| NHL - Nodal | 21 | 69.6 (43.1, 106) | 52 | 7.1 (5.3, 9.3) |
| NHL - Extranodal | 13 | 94.8 (50.5, 162) | 73 | 23.2 (18.2, 29.1) |
| Diffuse Large B-cell* | 26 | 160 (105, 235) | 80 | 23.8 (18.9, 29.7) |
| Myeloma | 0 | 0 (0, 63.5) | 3 | 0.9 (0.2, 2.7) |
| Acute Myeloid Leukemia | 1 | 10.7 (0.3, 59.8) | 9 | 5.2 (2.4, 9.9) |
| Chronic Myeloid Leukemia | 0 | 0 (0, 93.9) | 1 | 1.6 (0, 8.7) |
| Acute Monocytic Leukemia | 1 | 178 (4.5, 991) | 0 | 0 (0, 35.2) |
| Other Acute Leukemia | 0 | 0 (0, 775) | 1 | 9.2 (0.2, 51.2) |
| Mesothelioma | 0 | 0 (0, 391) | 1 | 1.7 (0, 9.6) |
| Kaposi Sarcoma | 1 | 409 (10.3, 2280) | 7 | 77.5 (31.2, 160) |
| Miscellaneous | 2 | 6.6 (0.8, 23.9) | 46 | 4.8 (3.5, 6.4) |
| Poorly Specified Morphology | 3 | 28.8 (5.9, 84.3) | 40 | 6.7 (4.8, 9.1) |

*Diffuse Large B-cell Lymphoma can be nodal or extranodal.