| Patient | Age | Gender | Race  | Ethnicity    | ECOG | Stage | BRAF  |
|---------|-----|--------|-------|--------------|------|-------|-------|
| M10101  | 66  | Female | White | Non-Hispanic | 2    | Ш     | WT    |
| M10103  | 70  | Female | White | Non-Hispanic | 1    | Ш     | K601N |
| M10104  | 60  | Male   | White | Non-Hispanic | 1    | IV    | V600E |
| M10105  | 73  | Male   | White | Non-Hispanic | 0    | IV    | WT    |
| M10106  | 66  | Male   | White | Non-Hispanic | 0    | IV    | WT    |
| M10107  | 71  | Male   | White | Non-Hispanic | 0    | Ш     | WT    |
| M10108  | 85  | Female | White | Non-Hispanic | 1    | Ш     | WT    |

Supplemental Table 1a: Demographics of the patient population eligible for the trial.

| Total (n = 7)                      | RELATED    |         |         |         | UNRELATED |         |         |  |
|------------------------------------|------------|---------|---------|---------|-----------|---------|---------|--|
| AE Preferred Term                  | Grade      | Grade 🔻 | Grade 1 | Grade 2 | Grade 3   | Grade 4 | Grade 5 |  |
| M10101                             |            |         |         |         |           |         |         |  |
| Flatulence                         | 0          | 0       | 1       | 0       | 0         | 0       | (       |  |
| Hypertension                       | 0          | 0       | 0       | 1       | 1         | 0       | (       |  |
| Pneumatosis                        | 0          | 0       | 0       | 0       | 1         | 0       | C       |  |
| M10103                             |            |         |         |         |           |         |         |  |
| Injection site reaction            |            |         |         |         |           |         |         |  |
| Erythema w/ Pruritis               | 0          | 1       | 0       | 0       | 0         | 0       | (       |  |
| Erythema/Pain                      | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| M10104                             |            |         |         |         |           |         |         |  |
| Injection site reaction            |            |         |         |         |           |         |         |  |
| Erythema                           | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Lymphocyte count decreased         | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Lymphoedema                        | C          | 0       | 1       | 0       | 0         | 0       | C       |  |
| M10105                             |            |         |         |         |           |         |         |  |
| Back pain                          | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Clostridial sepsis                 | 0          | 0       | 0       | 0       | 0         | 0       | 1       |  |
| Constipation                       | 0          | 0       | 0       | 1       | 0         | 0       | C       |  |
| Decreased appetite                 | 0          | 0       | 1       | 0       | 0         | 0       | C       |  |
| Dry mouth                          | 0          | 0       | 1       | 0       | 0         | 0       | C       |  |
| Injection site reaction            |            |         |         |         |           |         |         |  |
| Erythema                           | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Pruritus                           | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Insomnia                           | 0          | 0       | 1       | 0       | 0         | 0       | C       |  |
| Multiple organ dysfunction syndrom | <b>e</b> 0 | 0       | 0       | 0       | 0         | 1       | C       |  |
| Muscle spasms                      | 0          | 0       | 1       | 0       | 0         | 0       | C       |  |
| M10106                             |            |         |         |         |           |         |         |  |
| Injection site reaction            | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Erythema                           |            |         |         |         |           |         |         |  |
| M10107                             |            |         |         |         |           |         |         |  |
| Constipation                       | 0          | 0       | 0       | 1       | 0         | 0       | C       |  |
| Diverticulitis                     | 0          | 0       | 0       | 1       | 0         | 0       | C       |  |
| Fatigue                            | 0          | 0       | 1       | 0       | 0         | 0       | C       |  |
| Injection site reaction            |            |         |         |         |           |         |         |  |
| Site reaction                      | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Hypo aesthesia                     | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Insomnia                           | 0          | 0       | 1       | 0       | 0         | 0       | C       |  |
| Pruritus                           | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Tumor hemorrhage                   | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| M10108                             |            |         |         |         |           |         |         |  |
| Injection site reaction            |            |         |         |         |           |         |         |  |
| Erythema                           | 1          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Tumor Hemorrhage                   | 2          | . 0     | 0       | 0       | 0         | 0       | C       |  |
| Tumor Pain                         | 0          | 2       | 0       | 0       | 0         | 0       | C       |  |

Supplemental Table 1b: Related and unrelated adverse events to IFx-Hu2.0