



Confirmatory HLA (UPENN)*

| Class 1 | Α | 01:01 | 02:01 | Class II | DRB1 | 03.:01 | 13:02 |
|---------|---|-------|-------|----------|------|--------|--------|
| | В | 45:01 | 53:01 |] | DRB3 | 02:02 | 03:01 |
| | С | 06:02 | 04:01 | | DRB4 | | |
| | | | | | DRB5 | | |
| | | | |] | DQB1 | 02:01 | 06:04 |
| | | | | | DQA1 | 01:02 | 05:01 |
| | | | | | DPB1 | 04:01 | 104:01 |
| | | | | | DPA1 | 01:03 | |

^{*}HLA typing performed using NGS