## Dendrogram A

## Similarity Smal Kpnl Serotype 

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| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Untypable | ND | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| Untypable | S | R | I | S | S | S | S | S | S | S | S | R | 1 | S | S |
| HL:36 | S | S | S | S | S | S | S | S | S | S | S | R | S | R | S |
| Untypable | S | S | S | S | S | S | S | S | S | S | S | R | S | S | S |
| HL:36 | S | R | R | S | R | S | S | S | S | S | S | R | R | R | S |
| HL:36 | S | R | R | S | S | S | S | S | S | S | S | R | R | R | R |
| Untypable | S | R | I | S | S | S | S | S | S | S | S | R | S | S | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | S | R | S |
| Untypable | S | R | R | S | R | S | S | S | S | S | S | R | R | R | S |
| Untypable | S | R | R | S | R | S | S | S | S | S | S | R | R | R | S |
| HL:41 | S | R | R | S | S | S | S | S | S | S | S | R | R | S | S |
| Untypable | S | R | R | S | R | S | S | S | S | S | S | R | R | S | S |
| HL:11 | S | R | R | S | S | S | S | S | S | S | S | R | R | R | 1 |
| HL:11 | S | R | R | S | R | S | S | S | S | S | S | R | R | R | R |
| HL:11 | S | R | R | S | R | S | S | S | S | S | S | R | R | S | S |
| HL:7 | S | R | R | S | S | S | S | S | S | S | S | R | S | S | S |
| Untypable | S | R | R | S | 1 | S | S | S | S | S | S | R | R | R | S |
| HL : 4 | S | R | 1 | S | S | S | S | S | S | S | S | R | S | R | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | I | S | S |
| Untypable | S | R | R | S | R | S | S | S | S | S | S | R | R | S | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| HL:17 | ND | R | R | S | S | S | S | S | S | S | S | R | R | R | R |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | S | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | S | S |
| Untypable | S | R | R | S | S | S | S | R | R | S | S | R | R | R | S |
| HL:114 | S | R | R | S | R | S | S | S | S | S | S | R | R | S | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | R | R |
| HL:114 | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| HL:28 | S | R | R | S | R | S | S | S | S | S | S | R | R | S | S |
| HL:28 | S | R | R | S | R | S | S | S | S | S | S | R | R | S | S |
| HL:86 | S | S | S | S | S | S | S | S | S | S | S | R | S | R | R |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | S | S |
| HL:5 | S | R | R | S | R | S | S | S | S | S | S | R | 1 | S | S |
| HL:5 | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| Untypable | S | R | R | S | R | S | S | S | S | S | S | R | R | S | S |
| Untypable | R | R | R | R | R | S | S | S | S | S | S | R | R | S | S |
| HL:102 | R | R | R | R | S | S | S | S | S | S | S | R | R | R | S |
| Untypable | R | R | R | R | R | S | S | S | S | S | S | R | R | R | S |
| HL : 4 | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| HL :6 | S | R | R | S | S | S | S | S | S | S | S | R | R | 1 | S |
| HL:17 | ND | R | R | S | S | S | S | S | S | S | S | R | S | R | S |
| Untypable | S | R | R | S | S | S | S | S | S | S | S | R | R | R | S |
| Untypable | ND | R | R | S | S | S | S | S | S | S | S | R | R | R | S |

