Examples of 39 AISNPs in 15 different individuals as unknown examples for use in FROGkb

|  | PG456 | BT122 | JK162 | JK163 | 86- | JK293 | JK284 | JK333 | JK324 | JK340 | JK351 | JK399 | GM1447 | GM1453 | JK418 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| rs number | 6 | 9 | 1 | 6 | 201 | 2 | 5 | 3 | 5 | 1 | 4 | 9 | 4 | 2 | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs10497191 | $\mathrm{C} \backslash \mathrm{C}$ | ClT | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | ClC | $\mathrm{C} \backslash \mathrm{T}$ | $\mathrm{C} \backslash \mathrm{C}$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{T}$ | $\mathrm{C} \backslash \mathrm{T}$ | ClC |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs1079597 | A\G | $\mathrm{G} \backslash \mathrm{G}$ | A $\backslash$ A | A\A | A\G | G\G | A\G | A\G | G\G | $\mathrm{G} \backslash \mathrm{G}$ | G\G | $\mathrm{G} \backslash \mathrm{G}$ | A\G | G\G | A\G |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs11652805 | $\mathrm{C} \backslash \mathrm{T}$ | C\T | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $C \backslash C$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | ClC | $C \backslash C$ | $T \backslash T$ | $T \backslash T$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs1229984 | $\mathrm{G} \backslash \mathrm{A}$ | $\mathrm{G} \backslash \mathrm{G}$ | G\G | G \G | $\mathrm{G} \backslash \mathrm{A}$ | A $\backslash$ A | $\mathrm{G} \backslash \mathrm{G}$ | G\G | $\mathrm{G} \backslash \mathrm{G}$ | G\G | G\G | G\G | G\G | $\mathrm{G} \backslash \mathrm{G}$ | G \G |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs12439433 | $A \backslash A$ | $A \backslash A$ | A\G | G\G | A $\backslash \mathrm{A}$ | $A \backslash A$ | A $\backslash$ A | $A \backslash G$ | $A \backslash A$ | A\A | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs12498138 | $\mathrm{G} \backslash \mathrm{G}$ | A\G | $A \backslash A$ | A\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | G\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | A\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $G \backslash G$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs12913832 | $a \backslash a$ | $a \backslash a$ | $a \backslash a$ | $a \backslash a$ | a ${ }^{\text {a }}$ | $a \backslash a$ | $a \backslash a$ | $\mathrm{g} \backslash \mathrm{g}$ | $a \backslash g$ | $a \backslash a$ | $\mathrm{g} \backslash \mathrm{g}$ | $a \backslash a$ | $a \backslash a$ | $a \backslash a$ | a ${ }_{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs1426654 | $\mathrm{G} \backslash \mathrm{G}$ | A\G | $\mathrm{G} \backslash \mathrm{G}$ | G \G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | A $\backslash$ A | $A \backslash A$ | $\mathrm{G} \backslash \mathrm{G}$ | A $\backslash$ A | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | A\G | $A \backslash A$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs1572018 | $A \backslash A$ | $\mathrm{G} \backslash \mathrm{G}$ | G\G | A\G | A $\backslash \mathrm{A}$ | C\T | ClT | $G \backslash G$ | $\mathrm{G} \backslash \mathrm{G}$ | A\A | A\G | A $\backslash \mathrm{A}$ | A\G | A\G | $G \backslash G$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs16891982 | $C \backslash C$ | ClC | ClC | $\mathrm{C} \backslash \mathrm{C}$ | ClC | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | G\G | G\G | $C \backslash C$ | G\G | $C \backslash C$ | C\G | $\mathrm{C} \backslash \mathrm{C}$ | C\G |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs174570 | ClC | ClC | $\mathrm{C} \backslash \mathrm{T}$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | ClC | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ | ClC | ClC | ClC | $T \backslash T$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs17642714 | $A \backslash A$ | A $\backslash \mathrm{A}$ | A $\backslash$ A | A $\backslash$ A | A $\backslash$ A | A $\backslash \mathrm{A}$ | A $\backslash$ A | $T \backslash T$ | A $\$ A & A $\backslash$ A | A\T | A $\backslash \mathrm{A}$ | A $\backslash$ A | A $\backslash$ A | A $\$ A \\ \hline rs1834619 & $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $A \backslash A$ | A\A | A\G | A\A | A\G | G\G | A\G | A\G | G\G | G\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $A \backslash A$ |
| rs1834640 | G\G | A\G | A\G | $A \backslash G$ | $G \backslash G$ | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $A \backslash A$ | $A \backslash A$ | G \G | $A \backslash A$ | $\mathrm{G} \backslash \mathrm{G}$ | G\G | A\G | $A \backslash A$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs192655 | $A \backslash A$ | $A \backslash A$ | A\G | A\G | $\mathrm{G} \backslash \mathrm{G}$ | A $\backslash$ A | A $\backslash$ A | $A \backslash A$ | $A \backslash A$ | A\G | A $\backslash$ A | A\G | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs200354 | $T \backslash T$ | G \G | G\T | G\T | G\T | $\mathrm{G} \backslash \mathrm{T}$ | $T \backslash T$ | $G \backslash G$ | $\mathrm{G} \backslash \mathrm{G}$ | G\T | G\T | G\T | G\G | G\T | $G \backslash G$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs2024566 | A\A | A\G | A\G | G\G | A\A | A\A | A\A | G\G | A\A | A\A | A\A | A $\backslash$ A | A\G | A\G | G\G |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs2238151 | C\T | C\T | $T \backslash T$ | C\T | ClC | C\C | $T \backslash T$ | $T \backslash T$ | C\T | $\mathrm{C} \backslash \mathrm{T}$ | $T \backslash T$ | ClC | ClC | C\T | ClC |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs2593595 | ClT | ClT | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ | ClC | $\mathrm{C} \backslash \mathrm{T}$ | $T \backslash T$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs260690 | A\C | A $\backslash$ A | C\C | $\mathrm{C} \backslash \mathrm{C}$ | C\C | $\mathrm{C} \backslash \mathrm{C}$ | C\C | A\A | A\A | $\mathrm{C} \backslash \mathrm{C}$ | A\C | A\C | A\A | A\C | A\A |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs2814778 | $\mathrm{C} \backslash \mathrm{T}$ | $C \backslash C$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | ClC | $\mathrm{C} \backslash \mathrm{T}$ | $\mathrm{C} \backslash \mathrm{T}$ | $T \backslash T$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs310644 | $A \backslash G$ | A\G | A $\backslash \mathrm{A}$ | A $\backslash$ A | A\G | A $\backslash \mathrm{A}$ | A\G | A $\backslash \mathrm{A}$ | A $\$ A & A $\backslash$ A | A $\backslash \mathrm{A}$ | A\G | A\G | A $\$ A & A $\$ A \\ \hline rs3737576 & $A \backslash A$ | A\A | $A \backslash A$ | $\mathrm{C} \backslash \mathrm{T}$ | A\A | A $\backslash \mathrm{A}$ | A\A | A $\backslash \mathrm{A}$ | A $\backslash$ A | A\A | A $\backslash \mathrm{A}$ | $\mathrm{A} \backslash \mathrm{A}$ | A\A | A $\backslash$ A | A $\backslash$ A |  |
| rs3827760 | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ | ClC | $\mathrm{C} \backslash \mathrm{T}$ | $C \backslash C$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $C \backslash C$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs4411548 | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | A\G | A\G | G\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | A\G | $A \backslash A$ | G\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | G\G | G\G | G\G |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs4471745 | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | G \G | $G \backslash G$ | A\G | A\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | A\G | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $\mathrm{G} \backslash \mathrm{G}$ | $G \backslash G$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs4891825 | $A \backslash A$ | $A \backslash A$ | A\A | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ | $A \backslash A$ | A\G | $\mathrm{G} \backslash \mathrm{G}$ | $A \backslash A$ | A\G | $A \backslash A$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs4918664 | $A \backslash A$ | $\mathrm{A} \backslash \mathrm{A}$ | A\G | A\G | A\G | A\G | A\G | A $\backslash \mathrm{A}$ | A $\backslash \mathrm{A}$ | A\G | $\mathrm{A} \backslash \mathrm{A}$ | A $\backslash \mathrm{A}$ | A $\backslash \mathrm{A}$ | A $\backslash$ A | A\G |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rs6754311 | $C \backslash$ | $C \backslash C$ | $C \backslash C$ | $C \backslash C$ | $C \backslash C$ | $C \backslash$ | $C \backslash$ | $T \backslash T$ | $C \backslash C$ | $C \backslash$ | $T \backslash T$ | $C \backslash C$ | $T \backslash T$ | $C \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |

Examples of 39 AISNPs in 15 different individuals as unknown examples for use in FROGkb

| rs7226659 | $\mathrm{G} \backslash \mathrm{G}$ | G \G | $\mathrm{G} \backslash \mathrm{G}$ | G\T | $T \backslash T$ | $T \backslash T$ | G\T | G \G | G\G | $T \backslash T$ | $\mathrm{G} \backslash \mathrm{G}$ | G \G | G \G | G\T | $\mathrm{G} \backslash \mathrm{T}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| rs7251928 | C\C | A\C | A ${ }^{\text {A }}$ | A\A | A $\backslash \mathrm{C}$ | A\A | A $\$ A & A\A & A\C & A\A & A\C & $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | A $\backslash$ A | A $\backslash$ A |  |  |  |  |  |
| rs735480 | C\C | $\mathrm{C} \backslash \mathrm{T}$ | C\T | $\mathrm{C} \backslash \mathrm{T}$ | C\T | C\T | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{T}$ | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{C}$ | $T \backslash T$ | $T \backslash T$ |
| rs7554936 | C\T | $\mathrm{C} \backslash \mathrm{C}$ | C\T | $\mathrm{C} \backslash \mathrm{T}$ | C\T | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | C\T | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash \mathrm{T}$ | C\T | $\mathrm{C} \backslash \mathrm{C}$ |
| rs7657799 | $\mathrm{G} \backslash \mathrm{T}$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | G\T | G\T | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | G \G | G \G | $T \backslash T$ | $T \backslash T$ |
| rs798443 | $A \backslash G$ | A\A | A\G | A\G | A $\$ A & A\G & A\G & A\A & A\G & A\A & A\G & G \G & A\A & A\A & A $\backslash$ A |  |  |  |  |  |  |  |  |  |  |
| rs7997709 | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{T}$ | $\mathrm{C} \backslash \mathrm{C}$ | $T \backslash T$ | C\T | $\mathrm{C} \backslash \mathrm{C}$ | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{T}$ | $\mathrm{C} \backslash \mathrm{T}$ | C\T |
| rs870347 | $T \backslash T$ | $T \backslash T$ | $T \backslash \mathrm{G}$ | T\G | G\G | $T \backslash T$ | T\G | $T \backslash T$ | $T \backslash \mathrm{G}$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ |
| rs917115 | C\C | $\mathrm{C} \backslash \mathrm{T}$ | C\C | $\mathrm{C} \backslash$ | $\mathrm{C} \backslash$ | $\mathrm{C} \backslash \mathrm{C}$ | $\mathrm{C} \backslash$ | $T \backslash T$ | C\T | $\mathrm{C} \backslash$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{C}$ | $T \backslash T$ |
| rs9522149 | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{T}$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | C\C | C\C | $\mathrm{C} \backslash \mathrm{T}$ | $T \backslash T$ | $T \backslash T$ | $T \backslash T$ | $\mathrm{C} \backslash \mathrm{T}$ | $T \backslash T$ |

