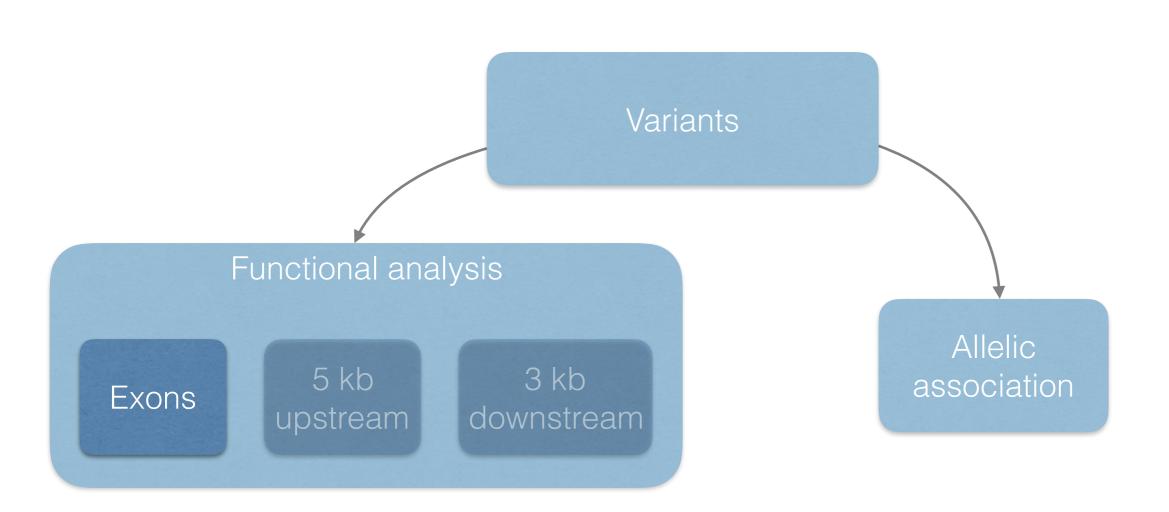
I I SNVs with significant effects

| Gene | Chr | Position | Ref | Alt | Protein change | Protein domain | Polyphen2 Prediction | Polyphen 2 Score | SIFT Prediction | SIFT Score |
|-------|-----|-------------|-----|-----|-------------------|-------------------|-------------------------|---------------------|--------------------|---------------|
| FCN1 | 11 | 106,827,968 | С | Т | Arg142Cys | FBG | probably damaging | 0.986 | tolerated | 0.06 |
| MBL2 | 26 | 6,344,919 | С | Α | Pro42Gln | CLD | probably damaging | 0.974 | deleterious | 0 |
| SFTPD | 28 | 35,820,078 | С | Т | Pro132Ser | CLD | probably damaging | 0.958 | deleterious | 0.05 |
| CGN | 28 | 35,598,640 | G | Α | Arg173His | CLD | possibly damaging | 0.72 | tolerated | 0.16 |
| CL46 | 28 | 35,675,371 | С | Т | Pro185Leu | CLD | possibly damaging | 0.672 | tolerated | 0.32 |
| CL43 | 28 | 35,718,034 | Α | G | Thr117Ala | CLD | possibly damaging | 0.659 | tolerated | 0.9 |
| CL43 | 28 | 35,718,807 | G | Т | Gln185His | neck region | possibly damaging | 0.634 | deleterious | 0.01 |
| MASP2 | 16 | 43,463,621 | G | Α | Gly102Ser | CUB domain | benign | 0.191 | deleterious | 0.01 |
| FCN1 | 11 | 106,828,710 | С | Т | Thr193Met | FBG | benign | 0.042 | deleterious | 0.03 |
| CGN | 28 | 35,602,463 | Α | С | Glu302Asp | CRD | benign | 0.036 | deleterious | 0.04 |
| SFTPD | 28 | 35,824,136 | С | G | Ala288Gly | CRD | benign | 0.002 | deleterious | 0.02 |



Functional analysis and allelic association



I I SNVs with significant effects

| Gene | Chr | Position | Ref | Alt | Protein change | Protein domain | Polyphen2 Prediction | Polyphen 2 Score | SIFT Prediction | SIFT Score |
|-------|-----|-------------|-----|-----|-------------------|-------------------|-------------------------|---------------------|--------------------|---------------|
| FCN1 | 11 | 106,827,968 | С | Т | Arg142Cys | FBG | probably damaging | 0.986 | tolerated | 0.06 |
| MBL2 | 26 | 6,344,919 | С | Α | Pro42Gln | CLD | probably damaging | 0.974 | deleterious | 0 |
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| CL43 | 28 | 35,718,807 | G | Т | Gln185His | neck region | possibly damaging | 0.634 | deleterious | 0.01 |
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