# MTHFRSupport Covid Report

dna-data-2025-06-21.zip

## Report Summary

**112**
Total Variants

**3**
Categories

**1**
Pathway Figures

**24**
High Risk (+/+)

**37**
Moderate Risk (+/-)

**51**
Low Risk (-/-)

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# HLA

**56 variants found 7 23 26**
*(See Figure 6)*

**Risk Summary:** 7 high risk variants, 23 moderate risk variants - Consider discussing with healthcare provider

**Quick Navigation:** Overview Categories Disclaimer

| SNP ID | SNP Name | Risk Allele | Your Allele | Result |
|---|---|---|---|---|
| rs2844846 | HLA-F-AS1, MICE 4945T>A | T | TT | +/+ |
| rs1632933 | HLA-G 8178C>T | T | TC | +/- |
| rs3823339 | HLA-A 7727C>G | G | GC | +/- |
| rs1061235 | HLA-A 8057A>T | T | TA | +/- |
| rs3893538 | HLA-W 915T>C | T | TT | +/+ |
| rs2517701 | HLA-W 2462A>T | T | AA | -/- |
| rs2001181 | HLA-C 7911A>G | C | TT | -/- |
| rs1058026 | HLA-B 8305T>G | C | AA | -/- |
| rs3819299 | HLA-B His363Pro | G | TT | -/- |
| rs2523608 | HLA-B 7431C>T | A | AG | +/- |
| rs3094228 | HLA-X 441A>G | C | TT | -/- |
| rs3135394 | HLA-DRA 5055G>A | G | AA | -/- |
| rs9268645 | HLA-DRA 5085C>G | G | CC | -/- |
| rs3129878 | HLA-DRA 5293C>A | A | AC | +/- |
| rs3129881 | HLA-DRA 6041T>C | T | TC | +/- |
| rs3129882 | HLA-DRA 6087A>G | G | AG | +/- |
| rs3129883 | HLA-DRA 6694C>T | T | TC | +/- |
| rs9268658 | HLA-DRA 7273G>A | A | GG | -/- |
| rs3135391 | HLA-DRA 7544G>A | G | AG | +/- |
| rs8084 | HLA-DRA 7592A>C | C | AA | -/- |
| rs2239804 | HLA-DRA 8080T>C | C | TT | -/- |
| rs7192 | HLA-DRA Leu242Val | T | TT | +/+ |
| rs3129888 | HLA-DRA 8283A>G | G | AG | +/- |
| rs2239803 | HLA-DRA 8390C>T | T | CC | -/- |
| rs2239802 | HLA-DRA 8403G>C | C | CG | +/- |
| rs3177928 | HLA-DRA 8958G>A | A | GG | -/- |
| rs1041885 | HLA-DRA 9332A>T | A | AT | +/- |
| rs9268831 | HLA-DRB9 7239C>T | T | CC | -/- |
| rs2858331 | HLA 4126892A>G | G | AA | -/- |
| rs2858331 | HLA 4126892A>G | G | AA | -/- |
| rs9276431 | HLA-DQA2 4158042T>C | T | TT | +/+ |
| rs2239800 | HLA-DQA2 4159063A>G | G | AA | -/- |
| rs7453920 | HLA-DQB2 4175809A>G | G | AA | -/- |
| rs2051549 | HLA-DQB2 4175883G>A | G | GG | +/+ |
| rs1573649 | HLA-DQB2 Met1Thr | G | GG | +/+ |
| rs11244 | HLA-DOB 9102C>T | A | GG | -/- |
| rs2856997 | HLA-DOB 8050G>T | C | AC | +/- |

| SNP ID | SNP Name | Risk Allele | Your Allele | Result |
|---|---|---|---|---|
| rs2071473 | HLA-DOB 7221G>A | C | TC | +/- |
| rs7383287 | HLA-DOB 6740T>C | G | AA | -/- |
| rs2621326 | HLA-DOB 5930C>T | G | AG | +/- |
| rs2071554 | HLA-DOB Arg18Gln | T | CC | -/- |
| rs2071469 | HLA-DOB 5043G>A | C | TC | +/- |
| rs23544 | HLA-DMB 4348055C>T | T | CC | -/- |
| rs151719 | HLA-DMB 4348318T>C | C | TC | +/- |
| rs3128935 | HLA-DOA 9986A>G | T | TT | +/+ |
| rs1044429 | HLA-DOA 9748G>A | T | CC | -/- |
| rs376892 | HLA-DOA 9503C>T | G | AA | -/- |
| rs416622 | HLA-DOA 9109A>G | C | TT | -/- |
| rs9276977 | HLA-DOA 8549C>T | A | AG | +/- |
| rs2581 | HLA-DOA 7989C>A | T | TG | +/- |
| rs399604 | HLA-DOA 7376A>G | C | TC | +/- |
| rs2284191 | HLA-DOA 5736C>T | A | AG | +/- |
| rs86567 | HLA-DOA 5631C>A | G | TT | -/- |
| rs3077 | HLA-DPA1 20534T>C | A | AG | +/- |
| rs2301226 | HLA-DPA1 18960C>T | A | GG | -/- |
| rs9277535 | HLA-DPB1 16159A>G | G | AG | +/- |

# Covid

**29 variants found 10 10 9**

**Risk Summary:** 10 high risk variants, 10 moderate risk variants - Consider discussing with healthcare provider

**Quick Navigation:** Overview Categories Disclaimer

| SNP ID | SNP Name | Risk Allele | Your Allele | Result |
|---|---|---|---|---|
| rs2027432 | NLRP3 variant | G | AG | +/- |
| rs3806265 | NLRP3 variant | T | TC | +/- |
| rs10754557 | NLRP3 variant | G | AG | +/- |
| rs1539019 | NLRP3 variant | C | AC | +/- |
| rs10157379 | NLRP3 variant | T | TC | +/- |
| rs1143634 | IL1B variant | G | GG | +/+ |
| rs3136558 | IL1B variant | A | AA | +/+ |
| rs1143627 | IL1B variant | G | AA | -/- |
| rs2069827 | IL6 variant | T | TG | +/- |
| rs1800797 | IL6 variant | G | AG | +/- |
| rs2066992 | IL6 variant | T | GG | -/- |
| rs2069849 | IL6 variant | C | CC | +/+ |
| rs3918226 | NOS3 variant | T | CC | -/- |
| rs2853792 | NOS3 variant | G | AA | -/- |
| rs3918227 | NOS3 variant | C | CC | +/+ |
| rs2853796 | NOS3 variant | G | TT | -/- |
| rs743507 | NOS3 variant | C | TT | -/- |
| rs1360485 | HMGB1 variant | T | TT | +/+ |
| rs1412125 | HMGB1 variant | T | TT | +/+ |
| rs4145277 | HMGB1 variant | T | TT | +/+ |
| rs4932178 | FURIN variant | C | CC | +/+ |
| rs17514846 | FURIN variant | C | AC | +/- |
| rs11538758 | PRNP V210I | A | CC | -/- |
| rs1799990 | PRNP M129V | G | GG | +/+ |
| rs16990018 | PRNP N171S | G | AA | -/- |
| rs28933385 | PRNP E200K | A | GG | -/- |
| rs2070788 | TMPRSS2 variant | A | AG | +/- |
| rs12329760 | TMPRSS2 variant | T | TC | +/- |
| rs2048683 | ACE2 variant | G | GG | +/+ |

# Other Immune Factors

**27 variants found 7 4 16**

**Risk Summary:** 7 high risk variants, 4 moderate risk variants - Consider discussing with healthcare provider

**Quick Navigation:** Overview Categories Disclaimer

| SNP ID | SNP Name | Risk Allele | Your Allele | Result |
|---|---|---|---|---|
| rs10210302 | ATG16L1 C234158839T | C | TC | +/- |
| rs6822844 | 4q27 Region 123509421G>T | G | GG | +/+ |
| rs6822844 | 4q27 Region 123509421G>T | G | GG | +/+ |
| rs479405 | DMGDH G67591T | C | AA | -/- |
| rs479405 | DMGDH G67591T | C | AA | -/- |
| rs479405 | DMGDH G67591T | C | AA | -/- |
| rs479405 | DMGDH G67591T | C | AA | -/- |
| rs2253262 | DMGDH T372G | A | CC | -/- |
| rs2253262 | DMGDH T372G | A | CC | -/- |
| rs2253262 | DMGDH T372G | A | CC | -/- |
| rs2253262 | DMGDH T372G | A | CC | -/- |
| rs2069812 | IL5 A131879916G | G | AG | +/- |
| rs20541 | IL-13 variant | A | AG | +/- |
| rs1800629 | TNF -308 variant | A | GG | -/- |
| rs361525 | TNF -238 variant | A | GG | -/- |
| rs660895 | HLA-DRB1 variant | G | AA | -/- |
| rs660895 | HLA-DRB1 variant | G | AA | -/- |
| rs28940879 | TYR (MeFV) V726A variant | A | GG | -/- |
| rs28940578 | MeFV M694I variant | T | CC | -/- |
| rs11466023 | MeFV P369S variant | A | AG | +/- |
| rs1801275 | IL4R Q576R variant | G | AA | -/- |
| rs7216389 | GSDMB variant | T | CC | -/- |
| rs17851582 | GAMT C9110T | G | GG | +/+ |
| rs17851582 | GAMT C9110T | G | GG | +/+ |
| rs17851582 | GAMT C9110T | G | GG | +/+ |
| rs17851582 | GAMT C9110T | G | GG | +/+ |
| rs17851582 | GAMT C9110T | G | GG | +/+ |

### ⚠ Important Disclaimer

**Medical Disclaimer:** This report is intended to translate your results into an easier to understand form. It is **not intended to diagnose or treat** any medical condition.

**Professional Consultation:** For diagnosis or treatment, please present this report to your qualified healthcare provider or find a practitioner on the MTHFRSupport™ website under "Find a Practitioner".

**Genetic Interpretation:** Genetic mutations are indicators that something *could* be affected, but they are **not a guarantee** that you are experiencing all or any of the associated issues.

**Contributing Factors:** Many factors influence whether genetic variants manifest as health issues, including:

- Environmental factors
- Ethnic background
- Diet and lifestyle
- Age and personal history
- Other genetic interactions