**CLINICAL REPORT**

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| --- |
| **Patient Data** |
| **Patient** {patient\_lastname}, {patient\_firstname}  **Birthdate** {patient\_dateofbirth}  **Diagnosis** {patient\_diagnosis\_short} |

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| --- |
| Mutation load {mutation\_load} non- synonyms SNV {mutation\_ns\_snv} |
| Number of affected oncogenes {mutation\_affected\_oncogenes} |
| Number of affected tumor suppressor genes {mutation\_affected\_tumorsupressorgenes} |
| HLA Type {mutation\_hla\_type} |
| Additional information {mutation\_additional\_information} |

| **Somatic Mutations in Known Driver Genes** | | | |
| --- | --- | --- | --- |
| **Gene** | **Mutation** | **Confidence** | **Reference** |
| {#mskdg}{Gene} | {Mutation} | {Confidence} | {References}{/mskdg} |

| **Somatic Mutations in Pharmaceutical Target Proteins** | | | | |
| --- | --- | --- | --- | --- |
| **Direct Association (Mutation in drug target)** | | | | |
| **Gene** | **Mutation** | **Therapy** | **Confidence** | **References** |
| {#ptp\_da}{Gene} | {Mutation} | {Therapy} | {Confidence} | {References}{/ptp\_da} |

| **Indirect Association (Other Mutations with known effect on drug)** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Gene** | **Mutation** | **Therapy** | Disease | Evidence | References |
| {#ptp\_ia}{Gene} | {Mutation} | {Therapy} | {Disease} | {Evidence} | {References}{/ptp\_ia} |

| **Somatic Mutations with Known Pharmacogenetic Effect** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Gene** | **Mutation** | **Therapy** | **Disease** | **Evidence** | **References** |
| {#mskpe}{Gene} | {Mutation} | {Therapy} | {Disease} | {Evidence} | {/mskpe}{References} |

| References | |
| --- | --- |
| {#ref}{rowid} | {/ref}{citation} |

| Appendix | | | |
| --- | --- | --- | --- |
| Gene | Mutation | dbSNP | COSMIC |
| {#appendix}{Gene} | {Mutation} | {dbSNP} | {/appendix}{COSMIC} |

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| **Disclaimer** |
| This report is intended as a hypothesis generating framework and is thus intended for research use only and not for diagnostic or clinical purposes. Information provided in this report does not replace a physician's medical judgement and usage is entirely at your own risk. The providers of this resource shall in no event be liable for any direct, indirect, incidental, consequential, or exemplary damages. |