

ITCC EDUCATION MEETING AMSTERDAM

Workshop 5 – Simulated Molecular Tumor Board

Appendix 2 – Prioritization Table INFORM

Target prioritization – Prioritization table v4.1

Target Type	Entity	Target Status	Description	Priority
Confirmed driver	Specific	Genetic hit (mutation/rearrangement)	Directly targetable gene known to be a driver in specific entity, confirmed driving SNV or confirmed/very likely activating fusion	1. Very high
Confirmed driver	Any	Genetic hit (focal high-amplitude CNV)	Focal high-amplitude CNV in directly targetable gene confirmed as a driver in any entity	2. High
Confirmed driver	Other	Genetic hit (mutation/rearrangement)	Directly targetable gene known to be a driver in another entity, confirmed driving SNV or confirmed/very likely activating fusion	2. High
Confirmed pathway activation, genetic	Specific	Genetic hit (mutation/rearrangement)	Genetic alteration confirmed to activate an actionable pathway known to be involved in specific entity, potential drug acting elsewhere in pathway	2. High
Presumed driver	Specific	Genetic hit (mutation/focal low-amplitude CNV)	Directly targetable gene known to be a driver in specific entity, function of this mutation likely activating OR directly targetable gene presumed to be a driver in specific entity, function of this mutation known to be activating	3. Moderate
Presumed pathway activation, genetic	Specific	Genetic hit	Genetic alteration indicating likely activation of an actionable pathway known to be involved in specific entity, potential drug acting elsewhere in pathway	3. Moderate
Confirmed pathway activation, genetic	Other	Genetic hit (mutation/rearrangement)	Genetic alteration confirmed to activate an actionable pathway known to be involved in another entity, potential drug acting elsewhere in pathway	3. Moderate
Presumed driver	Other	Genetic hit (mutation/focal low-amplitude CNV)	Directly targetable gene known to be a driver in another entity, function of this mutation likely activating but not proven	4. Intermediate
Presumed pathway activation, genetic	Other	Genetic hit	Genetic alteration indicating likely activation of an actionable pathway known to be involved in another entity, potential drug acting elsewhere in pathway	4. Intermediate
Synthetic lethal / Predictive marker, genetic	Any	Genetic hit	Genetic alteration in a gene known to induce susceptibility to inhibition of another gene	4. Intermediate
Overexpressed driver	Specific	Protein/Expression Change	Overexpression of a directly targetable gene known to be a driver in specific entity	4. Intermediate
Possible driver	Any	Genetic hit	Directly targetable gene suspected to be a driver, alteration possibly activating but not proven	5. Borderline
Overexpressed driver	Other	Protein/Expression Change	Overexpression of a directly targetable gene known to be a driver in another entity	5. Borderline
Possible pathway activation, genetic	Any	Genetic hit	Genetic alteration possibly indicating activation of an actionable pathway; gene is established as a canonical pathway member; potential drug acting elsewhere in pathway	6. Low
Pathway activation, expression	Any	Protein/Expression Change	Expression changes clearly indicating activation of a potentially actionable pathway	6. Low
Synthetic lethal / Predictive marker, expression	Any	Protein/Expression Change	Altered expression of a gene known to induce susceptibility to inhibition of another gene in any entity	6. Low
Circumstantial evidence	Any	Genetic/Protein/Expression Change	Alterations with some modest literature evidence of possible pathway activation OR overexpression of possible driver in any entity	7. Very Low
Biological interest	Any	Genetic hit	Alterations relevant to the biology of the entity and/or potential targets if a drug were available	8. NA