

**Supplemental Table S2.**

List of abbreviations for the technical terms described in this review.

<b>Abbreviation</b>	<b>Technical Term</b>
CEST	Chemical exchange saturation transfer
CMR	Complete metabolic response
CT	Computed tomography
$D_{app}$	Apparent diffusivity
Dm-dNK	Drosophila melanogaster 2'-deoxynucleoside
DCE-MRI	Dynamic contrast-enhanced MRI
DWI	Diffusion-weighted imaging
DKI	Diffusion kurtosis imaging
EPR	Enhanced permeability and retention effects
[ $^{18}\text{F}$ ]CFA	2-chloro-2'-deoxy-2'-[ $^{18}\text{F}$ ]fluoro-9- $\beta$ -D-arabinofuranosyl-adenine
[ $^{18}\text{F}$ ]FDG	Fluorine-18 fluorodeoxyglucose
[ $^{18}\text{F}$ ]FLT	Fluorine-18 fluorothymidine
$^{19}\text{F}$ -PFC	Fluorine-19 perfluorocarbon
FLAIR	Fluid-attenuated Inversion Recovery
FTH	Ferritin
Gd-EOB-DTPA	Gadolinium ethoxybenzyl diethylenetriamine pentaacetic acid
HP $^{13}\text{C}$ -MRI	Hyperpolarized Carbon-13 MRI
ICI	Immune checkpoint inhibitor
irAEs	Immune-related adverse events
iRANO	Immune Response Assessment in Neuro-Oncology
irRC	Immune-related Response Criteria
$K_{app}$	Apparent kurtosis
$K^{trans}$	Volume transfer constant from the blood plasma to the extravascular tumor interstitial space
LAG3	Lymphocyte activation gene 3
LDH	Lactate dehydrogenase
LGE	Late gadolinium enhancement
LRP	Lysine-rich protein
MPIO	Microparticles of iron oxide
MRI	Magnetic resonance imaging
MRS	Magnetic resonance spectroscopy
OATP	Organic anion transporting polypeptide

PET	Positron emission tomography
pyrrolo-dC	pyrrolo-2'-deoxycytidine
RECIST	Response Evaluation Criteria in Solid Tumors
SPECT	Single photon emission computed tomography
SPIO	Superparamagnetic iron oxide
T1	Spin-lattice or longitudinal relaxation time
T2	Spin-spin or transverse relaxation time
TLG	Total lesion glycolysis
USPIO	Ultrasmall superparamagnetic iron oxide
$v_e$	Fractional volume of the interstitial space
$v_p$	Fractional volume of the blood plasma