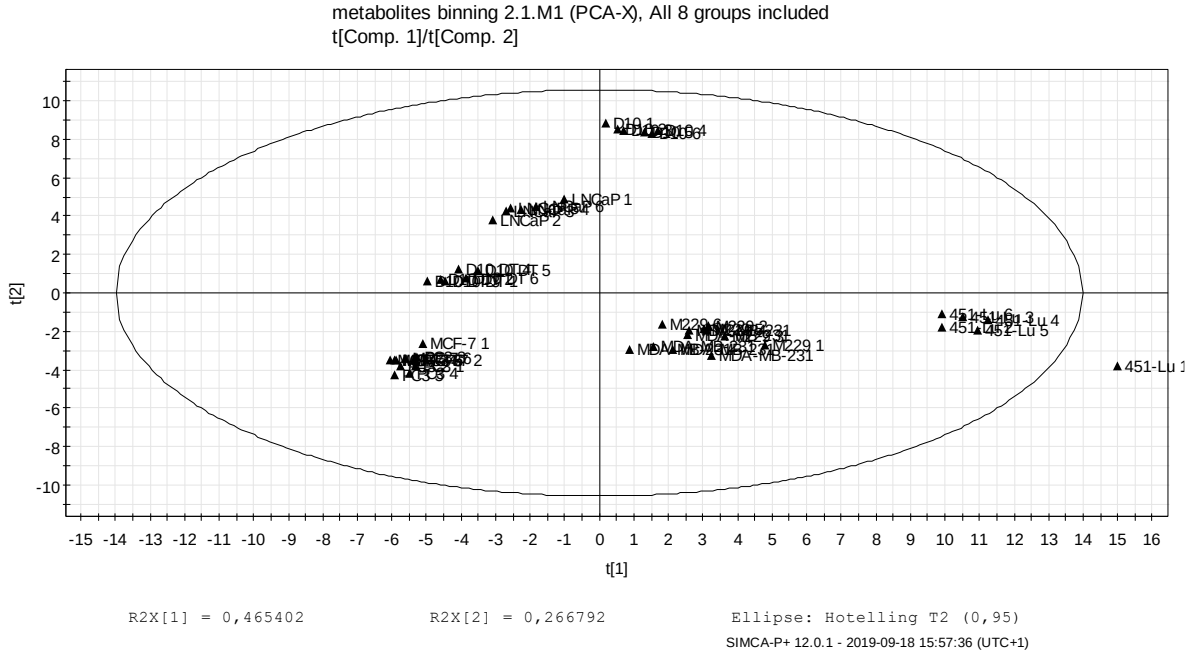
Figure S1. Principal component analysis (PCA-X) of the intracellular metastatic compartments of the different used cancer cell lines.



R^2X: 0,985 ; Q^2cum: 0,937

Figure S2. Intracellular space of the 451-Lu cell line either grown into a glutamine-containing (black) or glutamine-free (red) medium.

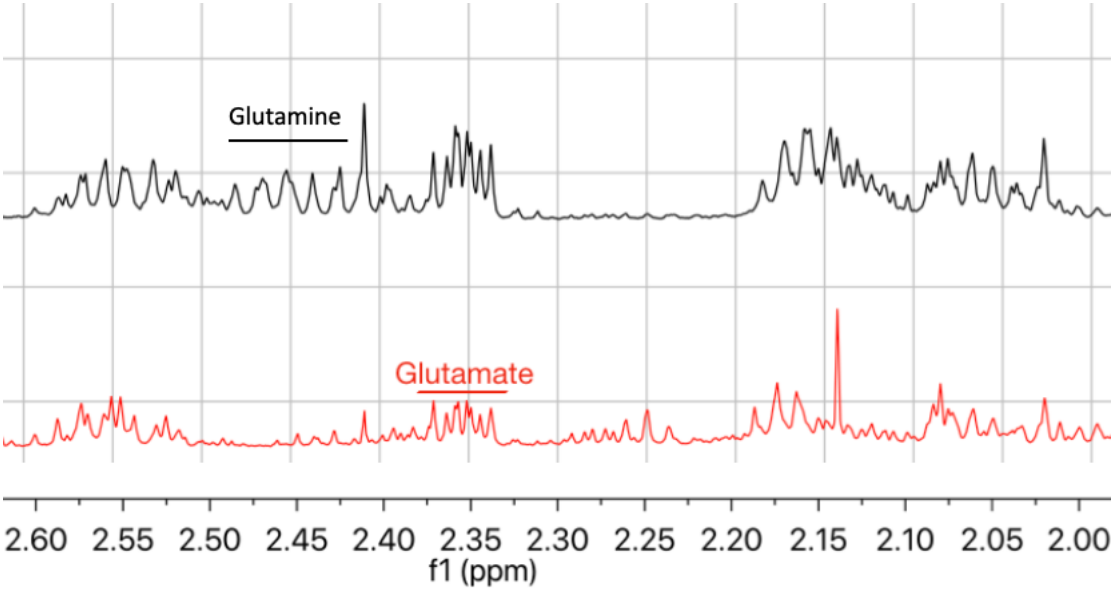


Figure S3. Scores Plot (A) and Loadings Plot (B) of the PLS-DA analysis of the melanoma (D10BMR, 451-Lu, M229), prostate cancer (LNCaP, PC-3) and breast cancer (MCF-7, MDA-MB-231) ^{1}H-NMR spectra culture media.

(A) (B)

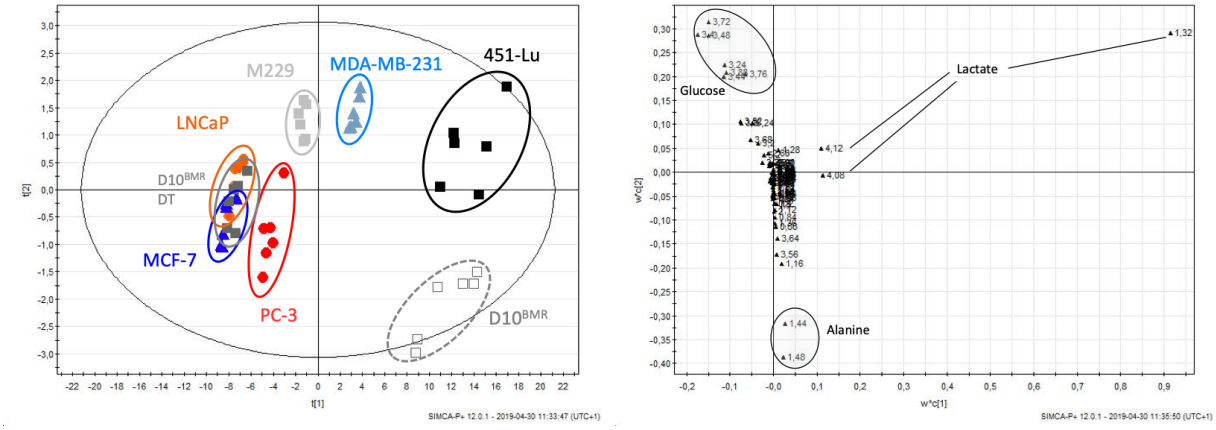


Figure S4. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the 451-Lu cell line.

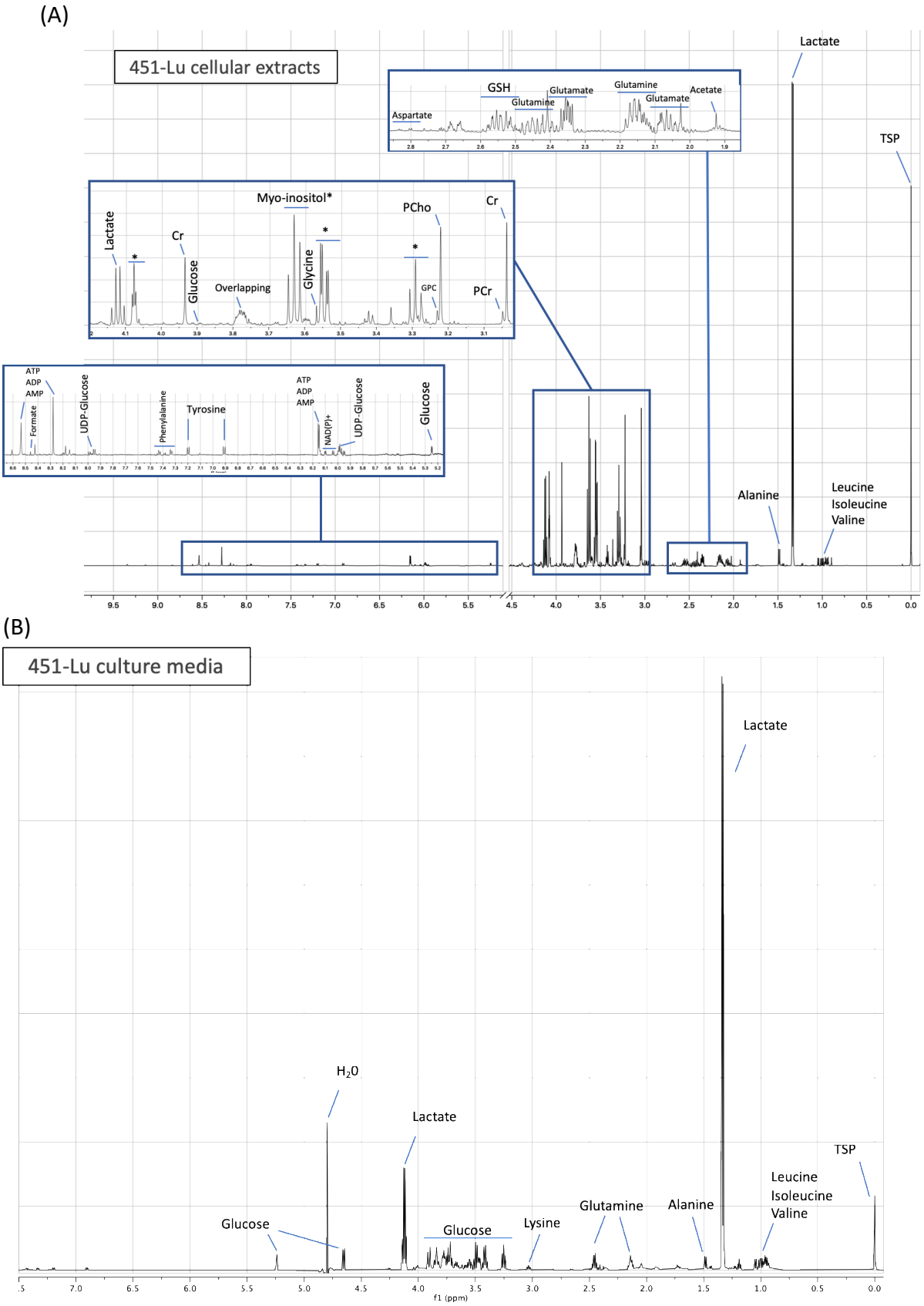
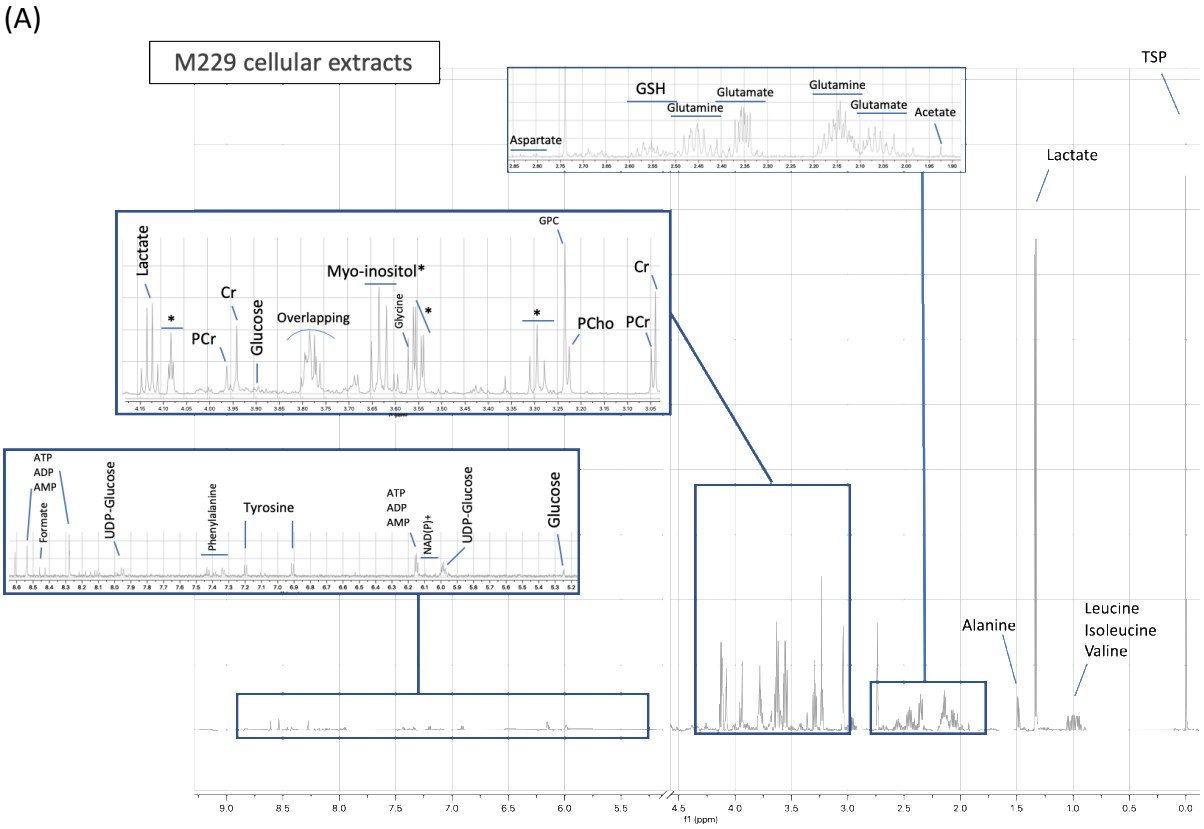


Figure S5. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the M229 cell line.



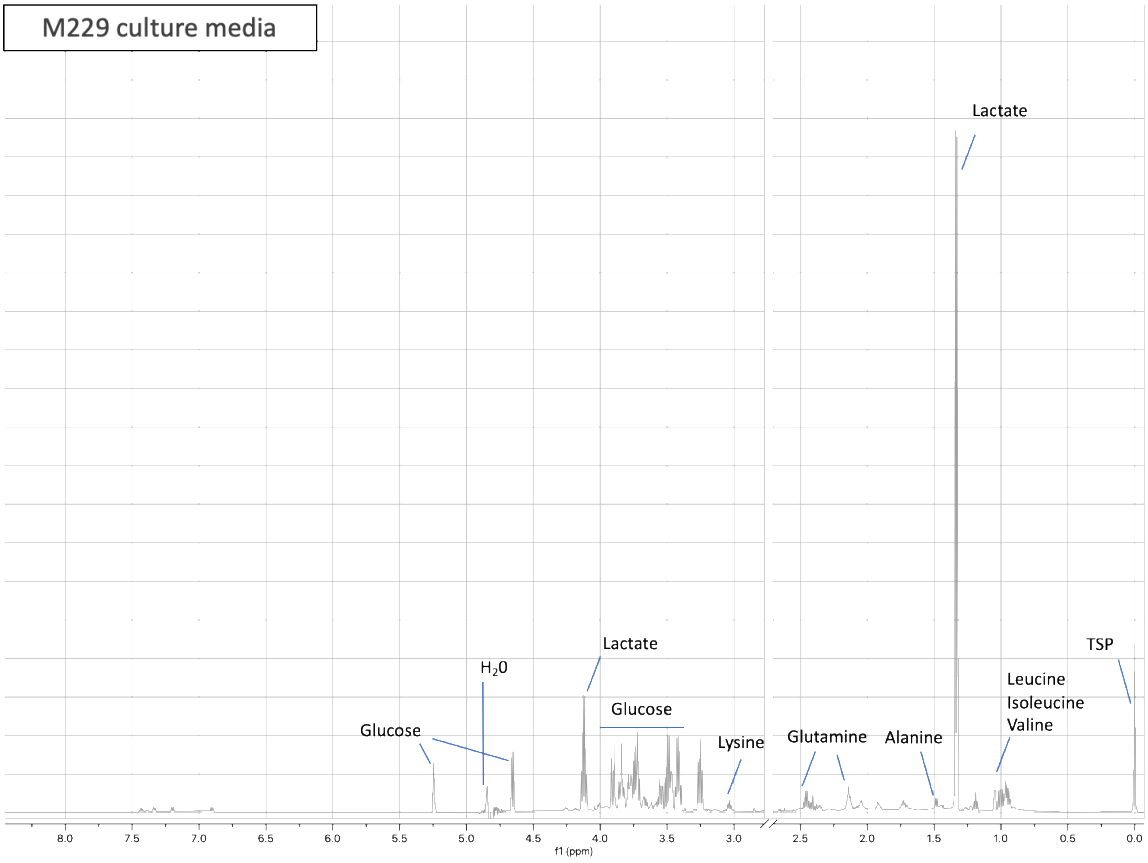
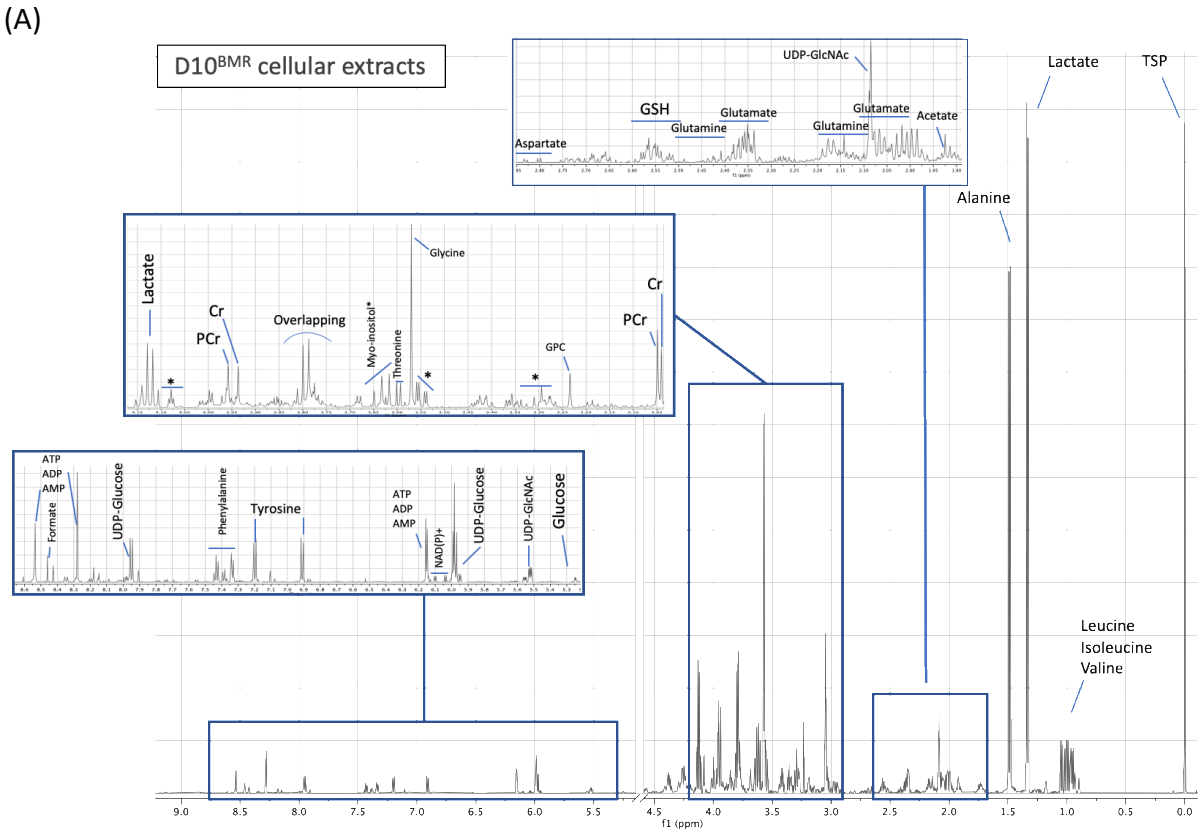


Figure S6. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the D10^{BMR} cell line.



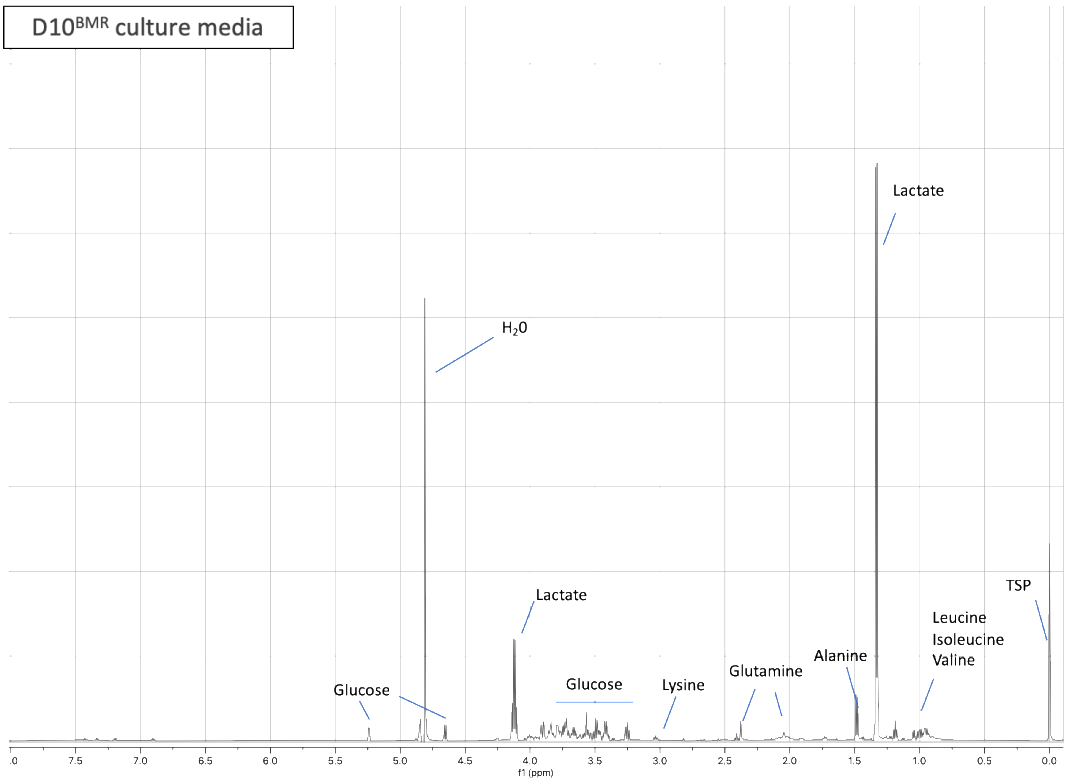
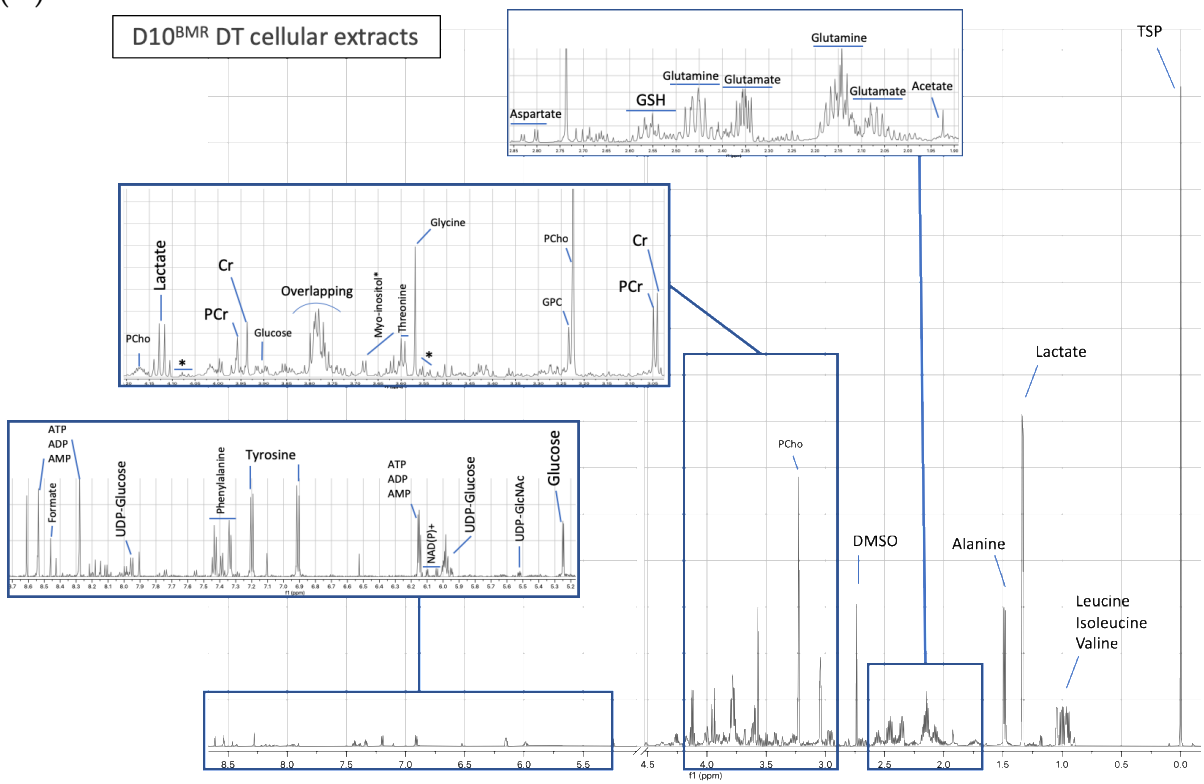


Figure S7. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the D10^{BMR} DT cell line.

(A)



(B)

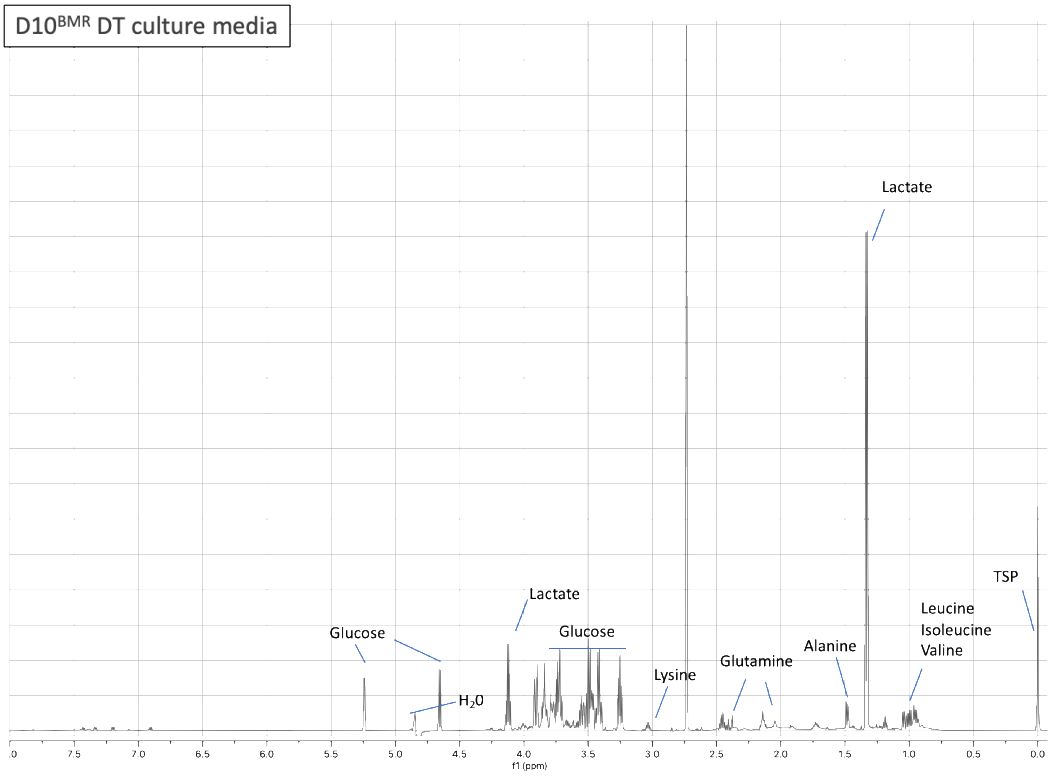
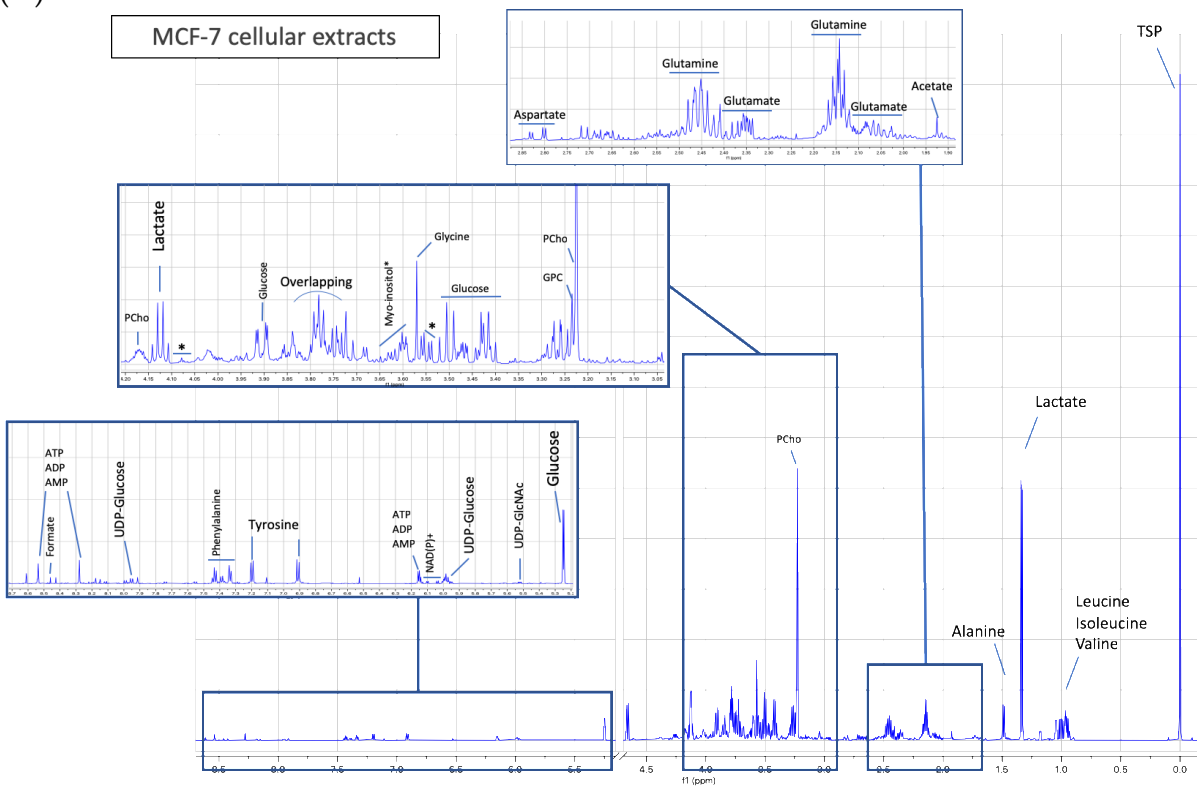


Figure S8. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the MCF-7 cell line.

(A)



(B)

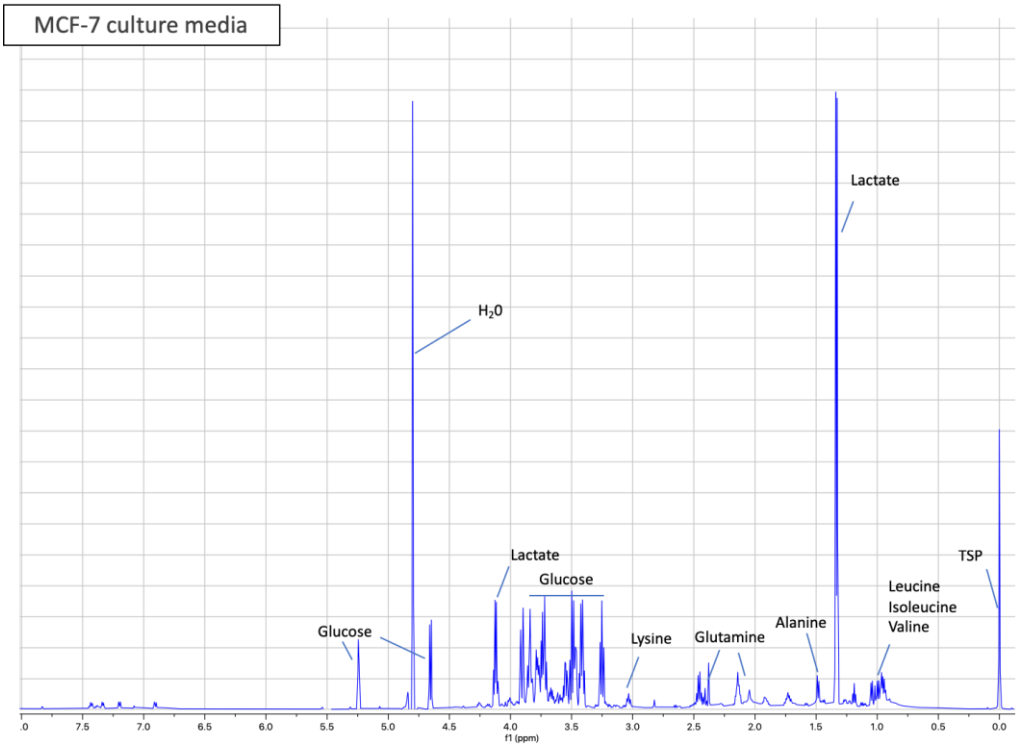
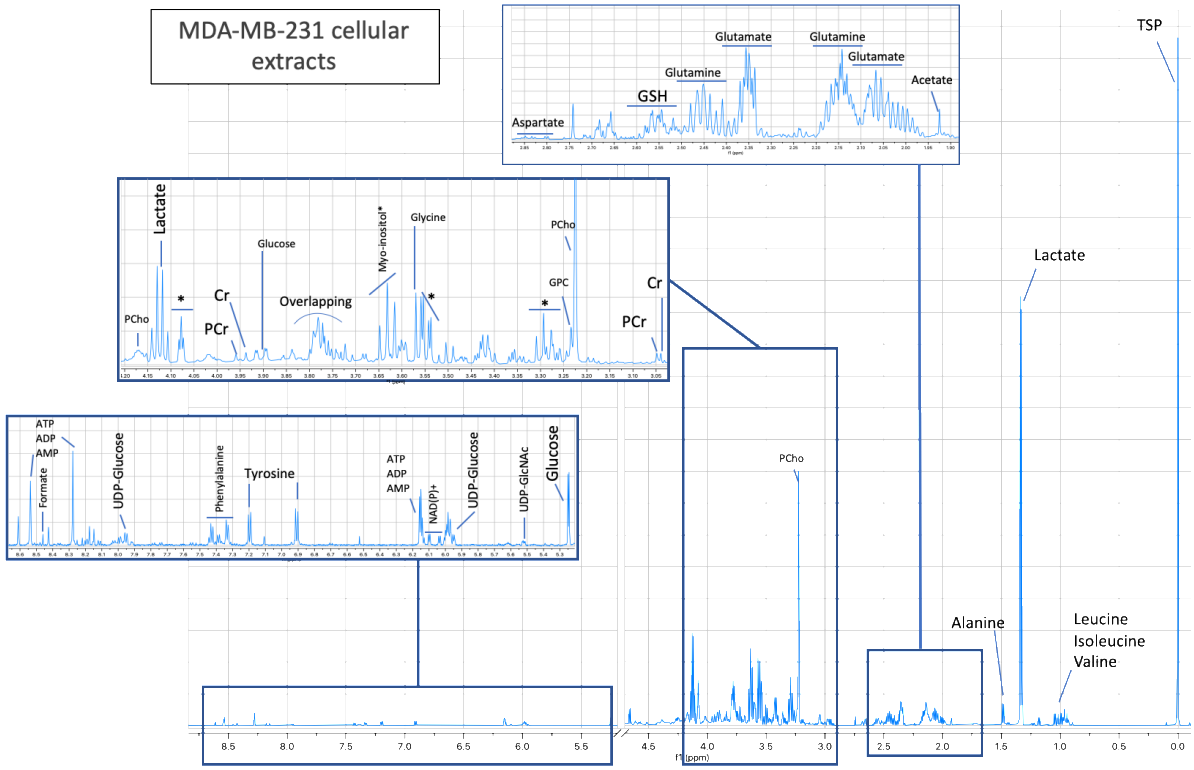


Figure S9. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the MDA-MB-231 cell line.

(A)



(B)

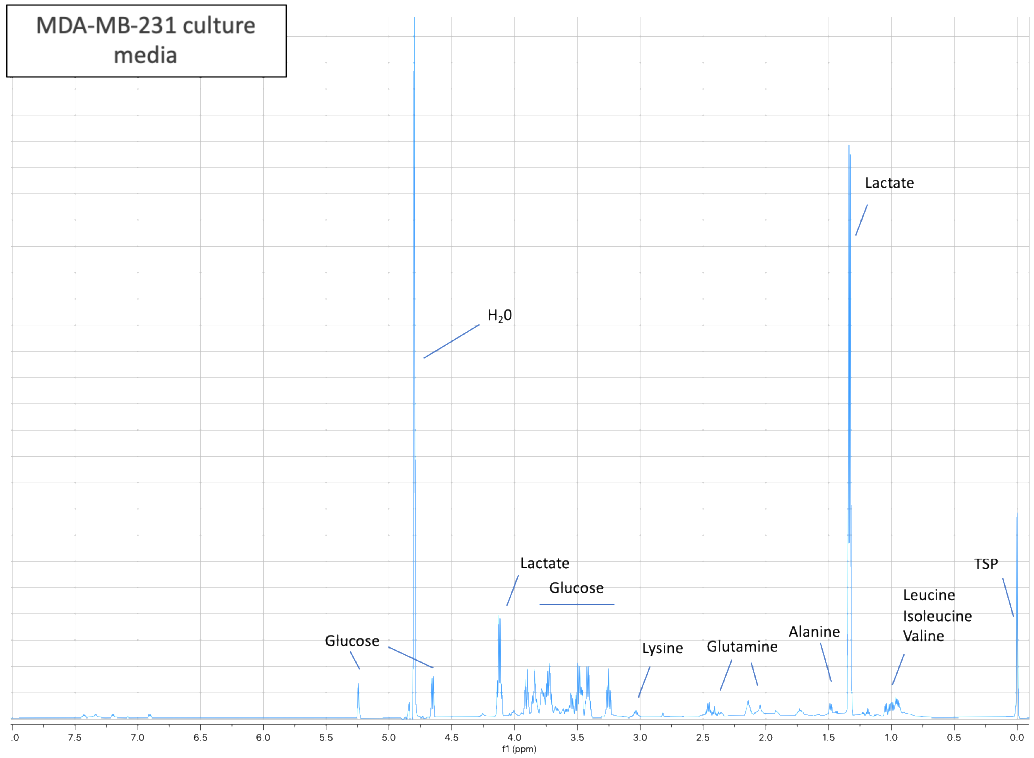
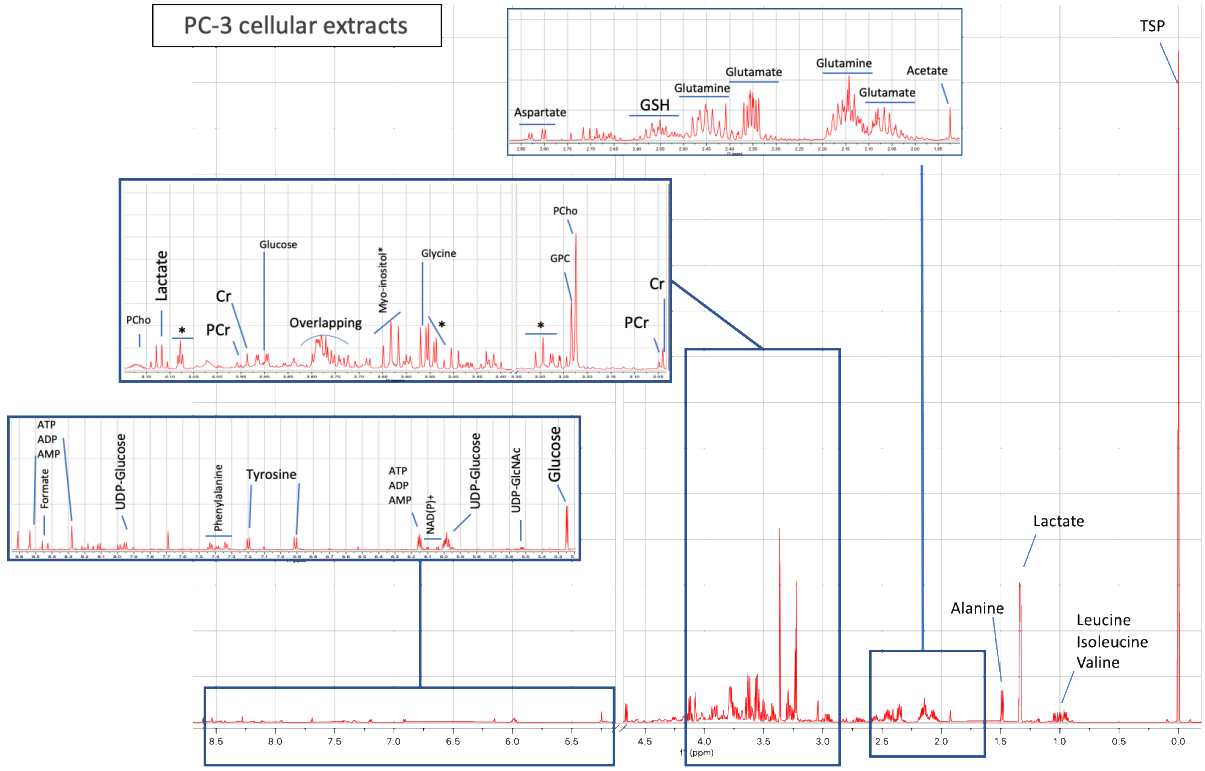


Figure S10. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the PC-3 cell line.

(A)



(B)

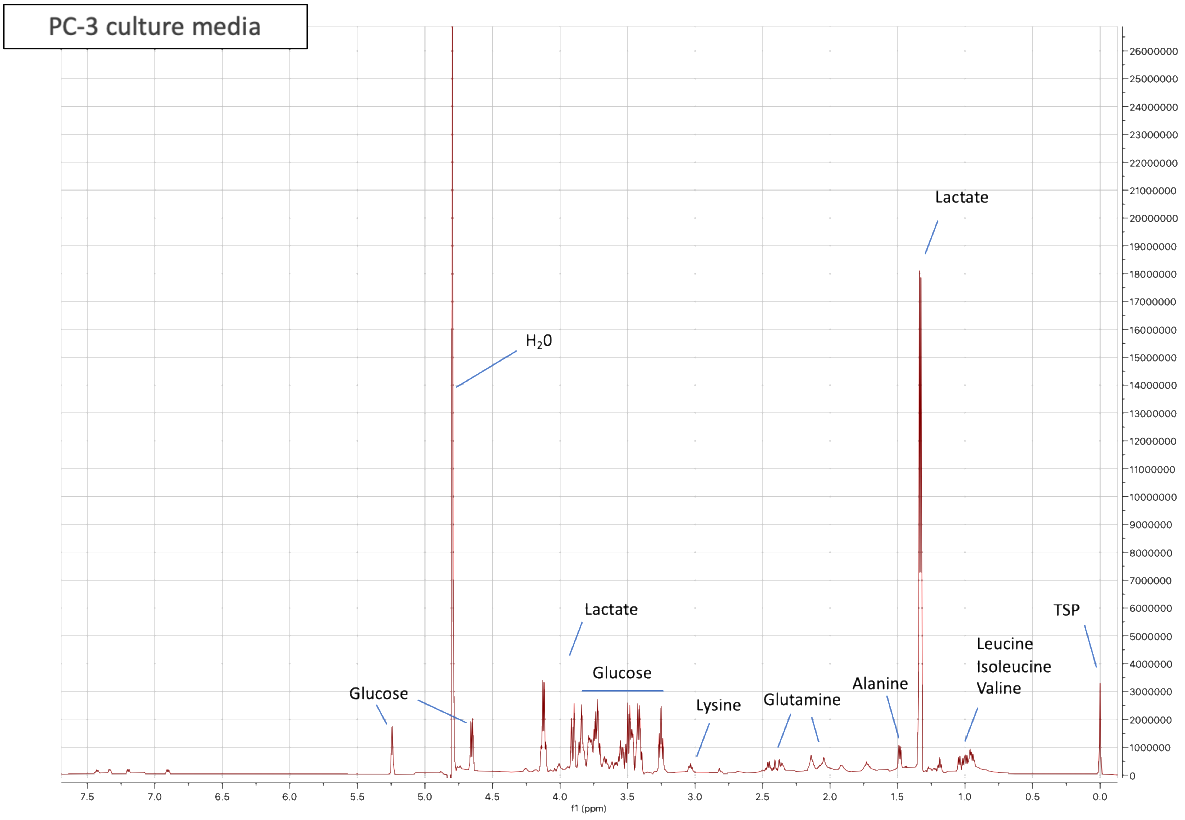
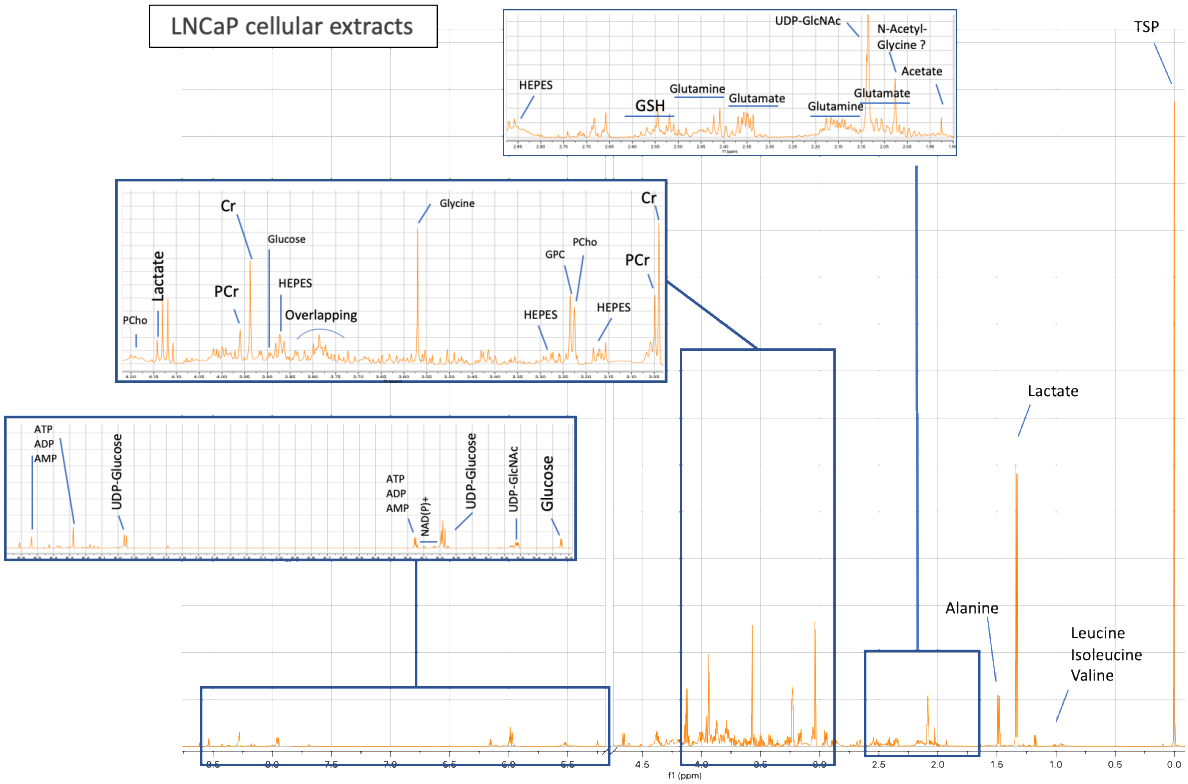


Figure S11. Intracellular (A) and extracellular (B) ^{1}H-NMR spectra of the LNCaP cell line.

(A)



(B)