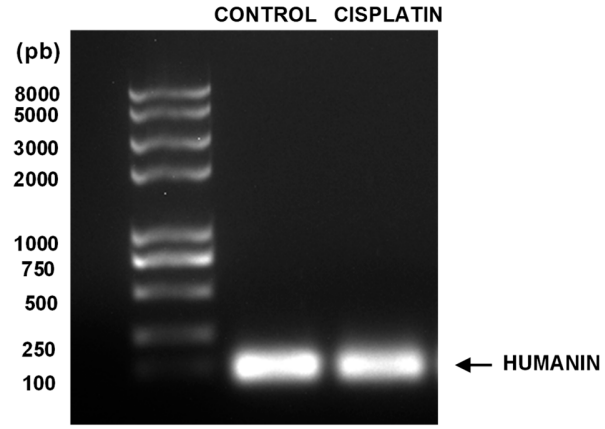
## SUPPLEMENTARY FIGURE

### Supplementary Figure S1: HN mRNA expression in human GBM cells treated with chemotherapy

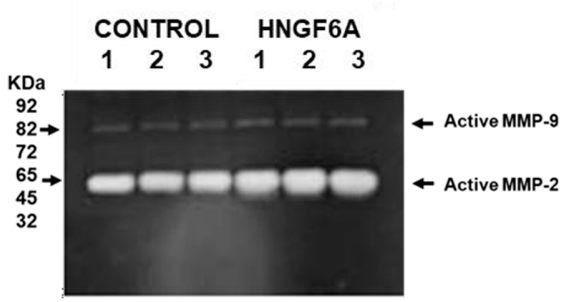
Human GBM cells (U251) were incubated with or without cisplatin (5 μM) for 48 h. HN mRNA expression levels were quantified using qPCR. The gel shows bands corresponding to specific HN amplification in response to chemotherapy.




### Supplementary Figure S2. Zimography of active MMPs in HNGF6A-treated GBM cellconditioned media

SDS-PAGE gelatin zymography of conditioned media from human GBM U251-MG cells incubated in the presence of HNGF6A (1.25 μM) for 48 h (n = 3 replicates/condition). The table indicates the densitometric value of each band as assessed with the ImageJ software (Version: 1.53k). The zymographic activity was expressed as a percentage in relation to a standard internal sample that is saturated at a density of 50%. A representative gel is shown.

| SAMPLE | %MMP-2 | %MMP-9 |
|---|---|---|
| Internal control | 100.00 | 100.00 |
| CONTROL 1 | 126.83 | 5.99 |
| CONTROL 2 | 117.90 | 6.75 |
| CONTROL 3 | 145.46 | 8.38 |
| HNGF6A 1 | 164.51 | 8.21 |
| HNGF6A 2 | 167.72 | 7.86 |
| HNGF6A 3 | 136.64 | 8.94 |



**Supplementary Figure S3: Chemotherapy up-regulates HN expression in murine GBM cells**

Murine Gl26 GBM cells were incubated with 5 μM cisplatin for 48 h. HN expression was assessed by immunofluorescence. Images show cells immunostained with HN antibody (red), and DAPI-stained nuclei (blue).