

Supporting Information for

Exploring the influence of the microstructure on the passive layer chemistry and breakdown for some titanium-based alloys in normal saline solution

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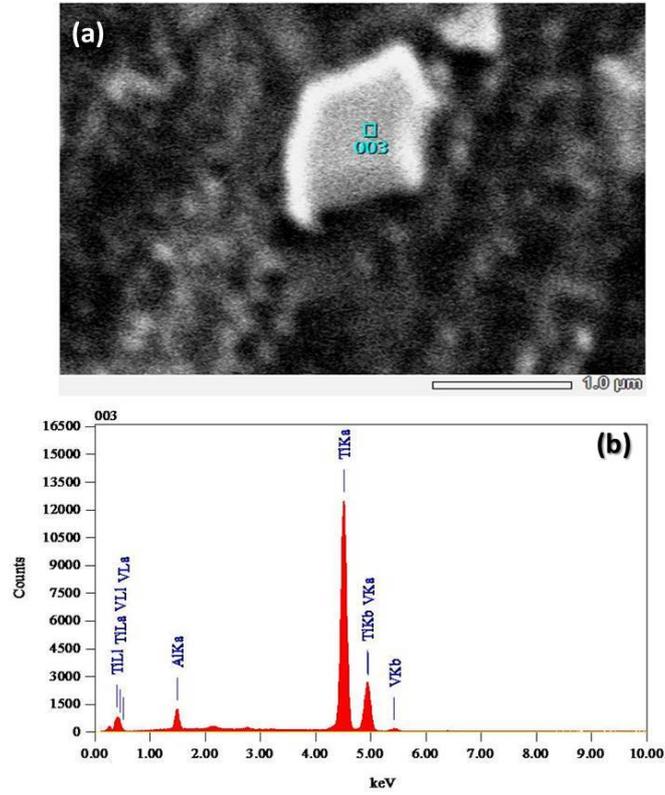


Figure S1 - SEM image (a) and EDS spectrum (b) of α phase in Ti-Al-V alloy.

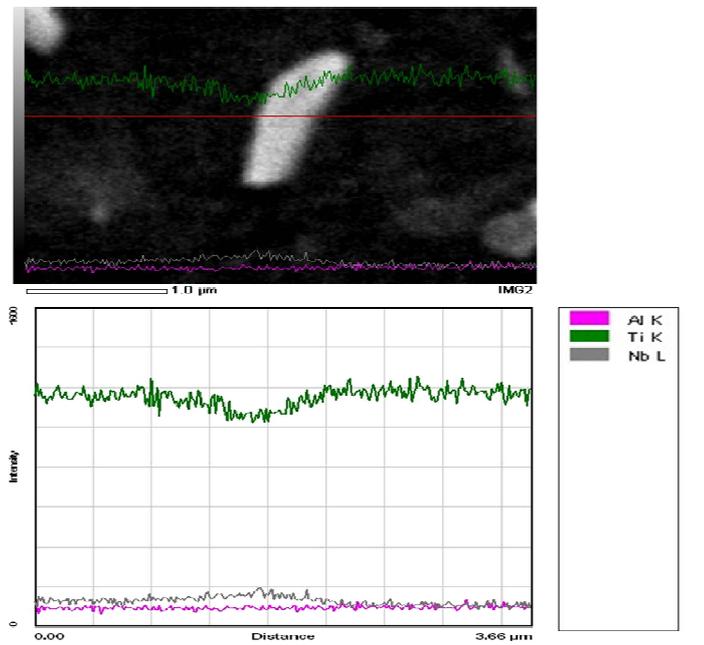


Figure S2 - Line analysis of β phase in TiAlNb alloy.

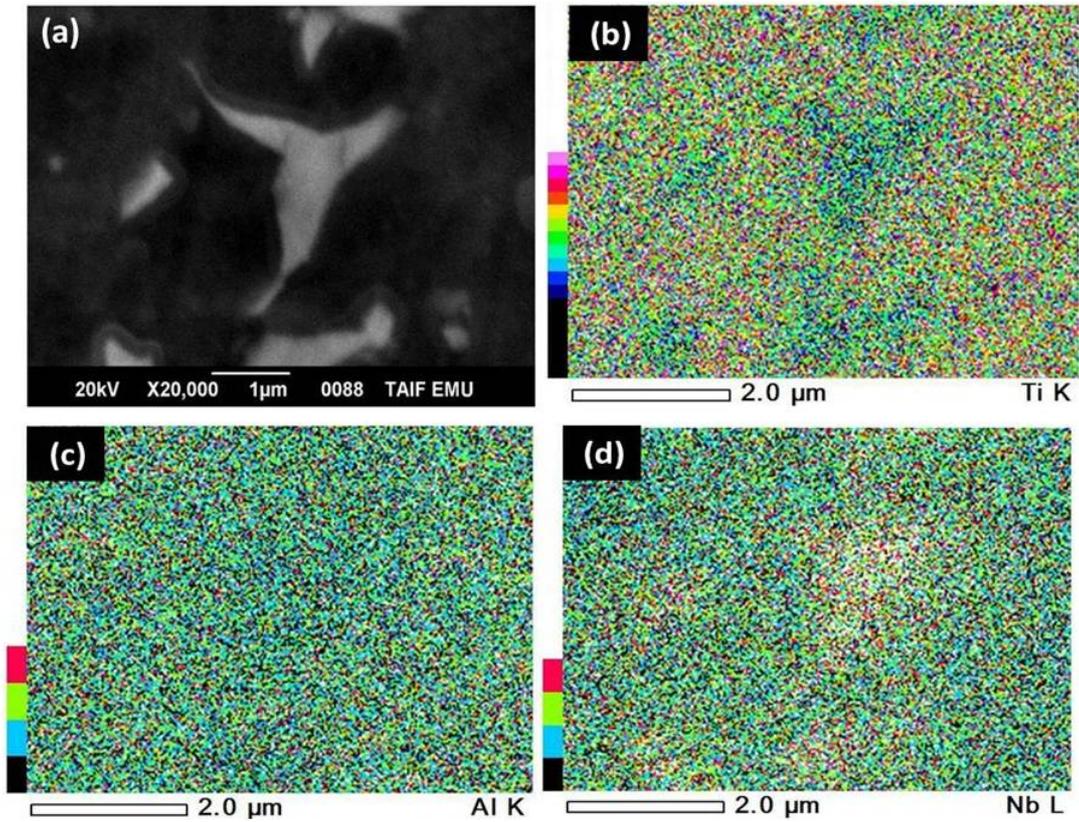


Figure S3 – Microstructure of the Ti-Al-Nb alloy (a), and mapping of Ti (b), Al (c), and Nb (d) alloying elements.

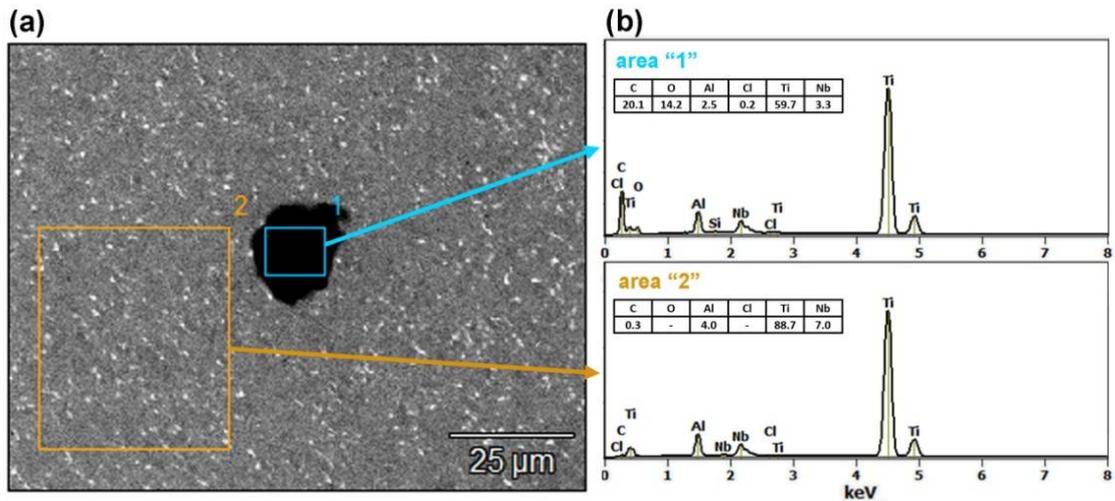


Figure S4 - (a) SEM micrograph with marked areas for EDS analysis, (b) EDS examination at defect and at the surrounding, not corroded area.