


Contractor Details	Type/ size of legal entity	Place of performance of contract activities	Logo
<p><u>Main contractor</u></p> <p>CONSORCIO PARA LA EXPLOTACIÓN DEL CENTRO NACIONAL DE ANÁLISIS GENÓMICO (CNAG) Baldri Reixac, 4 (Parque Científico de Barcelona, Torre I), 08028 Barcelona, SPAIN Mònica Bayés +34 628128762 monica.bayes@cnag.eu</p>	<p>university / research institute</p>	<p>% of contract value allocated to main contractor: 87.54 %</p> <p>% of activities for the contract performed by the main contractor in EU Member States or countries associated with Horizon 2020: 100 %</p>	 <p>cnag centro nacional d'anàlisi genòmica centro nacional de análisis genómico</p>
<p><u>Other consortium member(s) (if applicable)</u></p> <p>TECNO-MED INGENIEROS, S.L. Plaza de Cataluña, 1 (Edificio Triangle, 4ª), 08002 Barcelona, SPAIN Xavier Canals Riera +34 932917739 xcanals@tecno-med.es</p>	<p>SME</p>	<p>% of contract value allocated to TECNO-MED INGENIEROS, S.L.: 3.17%</p> <p>% of activities for the contract performed by contractor TECNO-MED INGENIEROS, S.L in EU Member States or countries associated with Horizon 2020: 100 %</p>	 <p>Tecno-med Ingenieros Consultores Tecnológicos avanzados</p>
<p><u>Subcontractors (if applicable)</u></p> <p>INTERNET SECURITY AUDITORS, S.L. Santander 101 (Edificio A. 2º), 08030 Barcelona, SPAIN Antoni Nicolás +34 651919916 anicolas@isecauditors.com</p>	<p>SME</p>	<p>% of contract value allocated to subcontractor INTERNET SECURITY AUDITORS, S.L.: 2.11 %</p> <p>% of activities for the contract performed by subcontractor subcontractor INTERNET SECURITY AUDITORS, S.L. in EU Member States or countries associated with Horizon 2020: 100 %</p>	 <p>isec auditors</p>
<p><u>Subcontractors (if applicable)</u></p> <p>Appser Data Engineering S.L. Coso nº 46, 1º, 50004 – Zaragoza, SPAIN Josep M Bonet +34 902026213 bonet@apser.es</p>	<p>SME</p>	<p>% of contract value allocated to subcontractor Appser Data Engineering S.L.: 4.22 %</p> <p>% of activities for the contract performed by subcontractor <input checked="" type="checkbox"/> in EU Member States or countries associated with Horizon 2020: 100 %</p>	 <p>apser cloud services</p>

<u>Subcontractors (if applicable)</u> TRANSPERFECT TRANSLATIONS, S.L Pg. de Gràcia, 11, Esc B 5-2, 08007 Barcelona, SPAIN Alba Fernandez Mollet +34 650506251 ALFERNANDEZ@TRANSP ERFECT.COM	Larger company	% of contract value allocated to subcontractor Appser Data Engineering S.L.: 2.96 % % of activities for the contract performed by subcontractor <input checked="" type="checkbox"/> in EU Member States or countries associated with Horizon 2020: 100 %	
---	----------------	---	---

Project abstract (+/- 1000 characters maximum)

The Cancer Reporting GPAP is a user-friendly solution integrating next generation sequencing (NGS) results, e-medication data and clinical evidence for therapy decision making in adult and paediatric cancers, common and rare. The system enables interpretation and pathogenicity ranking of the NGS variants, according to standard guidelines, using functional and medical annotations through external resources and OncoClassify, which has been developed in Lot 4 to highlight potential oncogenic mutations, known mutations and actionable biomarkers. Users can select the relevant variants and the associated information to generate a customisable report for clinicians supporting medical decision-making. A simplified version of the report can be made for patients. The Cancer Reporting GPAP, its user manual and the reports will be available in English, Italian, and German to start with.

The Cancer Reporting GPAP is designed around a well-defined and streamlined workflow, envisioning different types of users, each with specific roles and permissions. The system is based on the current RD-Connect Genome-Phenome Analysis Platform, developed upon a big data architecture and a friendly graphical user interface (GUI), accessible through a web browser. The platform has a modular design built upon Singularity containers, enabling installation in High Performance Computing clusters and typical Cloud Computing Services. The modular approach provides flexibility while facilitating updates and backups. Security has been incorporated in all the stages of the Software Development Life Cycle considering the EU GDPR and relevant ISO and IVDR requirements.

The Cancer Reporting GPAP is one of the two key modules of the Cancer GPAP, which also includes the Cancer Analysis GPAP, a user-friendly solution for the management and streamlined analysis of NGS cancer data, generating annotated variant calling results.

Previous EU funding

Is the project based on / a continuation of R&D activities that were previously funded by the EU?: YES

If yes, identify this EU funding:

FP7-HEALTH-2012-INNOVATION-1, RD-CONNECT: An integrated platform connecting registries, biobanks and clinical bioinformatics for rare disease research, GA 305444

H2020-SC1-2016-2017, Solving the unsolved Rare Diseases, GA 779257

H2020-SC1-BHC-2018-2020, European Joint Programme on Rare Diseases, GA 825575

